

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

City of Pittsburgh	:	
301 City-County Building	:	
414 Grant Street	:	
Pittsburgh Pennsylvania 15219	:	
	:	Violations of the Safe Drinking
And	:	Water Act and the Rules and
	:	Regulations Promulgated
Pittsburgh Water and Sewer Authority	:	Pursuant Thereto
Penn Liberty Plaza 1	:	
1200 Penn Avenue	:	
Pittsburgh, PA 15222	:	

ADMINISTRATIVE ORDER

NOW, this 25th day of October 2017, the Commonwealth of Pennsylvania, Department of Environmental Protection (“Department”), issues this Administrative Order after it has found and determined the following:

FINDINGS

A. The Department is the agency with the duty and authority to administer and enforce the Pennsylvania Safe Drinking Water Act, Act of May 1, 1984, P.L. 206, *as amended*, 35 P.S. §§ 721.1-721.17 (“Safe Drinking Water Act”); Section 1917-A of the Administrative Code of 1929, Act of April 9, 1929, P.L. 177, *as amended*, 71 P.S. § 510–17 (“Administrative Code”); and the rules and regulations promulgated thereunder (“Regulations”).

B. The City of Pittsburgh (“City”) is a municipality with a business address of 301 City-County Building, 414 Grant Street, Pittsburgh Pennsylvania 15219. The City is a “person” as that term is defined in Section 3 of the Safe Drinking Water Act, 35 P.S. § 721.3, and Section 109.1 of the Regulations, 25 Pa. Code § 109.1; a “supplier of water” as that term is defined in

Section 3 of the Safe Drinking Water Act, 35 P.S. § 721.3; and a “public water supplier” as that term is defined in Section 109.1 of the Regulations, 25 Pa. Code § 109.1.

C. Pittsburgh Sewer and Water Authority (“PWSA”) is a municipal authority with a business address of Penn Liberty Plaza 1, 1200 Penn Avenue, Pittsburgh Pennsylvania 15222. PWSA is a “person” as that term is defined in Section 3 of the Safe Drinking Water Act, 35 P.S. § 721.3, and Section 109.1 of the Regulations, 25 Pa. Code § 109.1; a “supplier of water” as that term is defined in Section 3 of the Safe Drinking Water Act, 35 P.S. § 721.3; and a “public water supplier” as that term is defined in Section 109.1 of the Regulations, 25 Pa. Code § 109.1.

D. PWSA leases, operates, and is the permittee of a “public water system” and, more specifically, a “community water system,” as those terms are defined in Section 3 of the Safe Drinking Water Act, 35 P. S. § 721.3, and Section 109.1 of the Regulations, 25 Pa. Code § 109.1. PWSA’s public water system consists of water sources, storage facilities, treatment facilities, and a distribution system (“System”). PWSA provides drinking water through the System to approximately 520,000 people in the Pittsburgh, Pennsylvania area, including approximately 250,000 residential customers. PWSA operates the System pursuant to multiple public water supply permits issued by the Department, and has been assigned Public Water System Identification Number 5020038. The City owns the System and leases it to PWSA.

E. Section 109.4(3) of the Regulations, 25 Pa. Code § 109.4(3), requires that public water suppliers shall provide and effectively operate and maintain public water system facilities.

F. Section 109.4(4) of the Regulations, 25 Pa. Code § 109.4(4), requires that public water suppliers shall take whatever investigative or corrective action is necessary to assure that safe and potable water is continuously supplied to the users of the public water system.

G. Section 109.202(c)(1)(ii) of the Regulations, 25 Pa. Code § 109.202(c)(1)(ii), requires that the combined total effect of disinfection processes utilized in a filtration plant shall achieve at least 90% inactivation of Giardia cysts and 99.9% inactivation of viruses, as determined by CTs and measurement methods established by the Environmental Protection Agency ("EPA").

H. On January 31, 2017, the Department issued a Field Order requiring PWSA to issue a Boil Water Advisory to all customers served by the Highland Membrane Filtration Plant. The Department had discovered that the combined total effect of disinfection processes utilized at the Highland Membrane Filtration Plant failed to achieve at least 90% inactivation of Giardia cysts and 99.9% inactivation of viruses, as determined by CTs and measurement methods established by the EPA, in violation of 25 Pa. Code § 109.202(c)(1)(ii) and 25 Pa. Code § 109.4(3). In response to the January 31, 2017 Field Order, PWSA took the Highland Membrane Filtration Plant out of service.

I. As of the date of this Administrative Order, PWSA's Highland Membrane Filtration Plant remains out-of-service, and PWSA has not submitted a complete and technically sufficient permit application to modify the Highland Membrane Filtration Plant, in order to achieve at least 90% inactivation of Giardia cysts and 99.9% inactivation of viruses, as determined by CTs and measurement methods established by the EPA as required by 25 Pa. Code § 109.4(4).

J. On August 28, 2017, the Department issued a Field Order requiring PWSA to issue a Boil Water Advisory for all customers served by the Lanpher Reservoir after learning that the integrity of the Lanpher Reservoir floating cover system had been compromised, allowing potential pathways of contamination into the finished water. PWSA failed to effectively operate

and maintain the Lanpher Reservoir floating cover system in violation of 25 Pa. Code § 109.4(3), and failed to take the investigative or corrective actions necessary to assure that safe and potable water was continuously supplied to the users of the System, in violation of 25 Pa. Code § 109.4(4). As a result of the August 28, 2017 Field Order, PWSA took the Lanpher Reservoir out of service.

K. PWSA, as operator, and the City, as owner, have failed to effectively operate and maintain the public water system facilities of the System, in violation of 25 Pa. Code § 109.4(3), and have failed to take the investigative or corrective actions necessary to assure that safe and potable water is continuously supplied to the users of the System, in violation of 25 Pa. Code § 109.4(4).

ORDER

NOW therefore, pursuant to its authority under Sections 5 and 12 of the Safe Drinking Water Act, 35 P.S. §§ 721.5 and 721.12, and Section 1917-A of the Administrative Code, 71 P.S. § 510-17, the Department hereby Orders that:

PWSA and the City shall ensure that the System has the necessary treatment, resiliency, and reliability to maintain adequate quality, quantity, and pressure to assure that safe and potable water is continuously supplied to the users. PWSA shall undertake and complete the following tasks by the deadlines set forth below in order to resume operation of the Highland 1 Reservoir, restore the Lanpher Reservoir to service, address reliability deficiencies at the Bruecken Pump Station, and establish a schedule for other capital improvements to the System:

1. **Highland 1 Reservoir and Membrane Filtration Plant.** PWSA shall perform the actions necessary to resume operation and use of the Highland 1 Reservoir by one of the methods listed in subparagraph a. or b., below:

a. By completing the activities set forth in subparagraphs i. through viii., below, PWSA shall reinstate operation of the Highland Membrane Filtration Plant to provide a continuous supply of safe and potable water to the users, for such time as may be necessary until PWSA has provided an alternative means to do so:

i. On or before November 30, 2017, submit a complete and technically sufficient application to amend Permit No. 0298509 to provide the following:

- (a) Replacement of in-line membrane strainers;
- (b) Replacement of membrane filtration modules;
- (c) Addition of an ultraviolet (UV) disinfection unit capable of inactivation of both Giardia and viruses with UV treatment, in conjunction with the existing chlorination system, that complies with the US EPA Ultraviolet Disinfection Guidance Manual and is validated via an EPA approved 3rd party; and
- (d) Identification of all modifications to the plant recommended to PWSA by the manufacturer of the membrane filters, Pall Corporation.

ii. Within 60 days of the date the Department issues an amended construction permit, replace all in-line membrane filtration strainers according to manufacturer standards.

iii. Within 60 days of the date the Department issues an amended construction permit, replace a minimum of 4 membrane racks.

iv. Within 60 days of the date the Department issues an amended construction permit, submit a schedule to replace the remaining membrane racks.

v. On or before November 30, 2017, provide to the Department documentation that the Kinney strainers are functioning according to manufacturer standards.

vi. Within 90 days of the date the Department issues an amended construction permit, install the UV disinfection unit as approved.

vii. Notify the Department at least 48 hours prior to start-up of the Highland Membrane Filtration Plant and request a pre-operational site visit by the Department to verify that PWSA has:

- (a) Completed the modifications recommended by Pall Corporation;
- (b) Retained the services of adequately trained and properly certified operators to operate the membrane and UV facilities; and
- (c) Complied with all conditions of the amended construction permit issued by the Department.

viii. Following start-up of the Highland Membrane Filtration Plant, PWSA shall submit to the Department each day by 9 a.m. all information contained in the Monthly Daily Integrity Pressure Decay Testing Report form and shall continue to provide daily reports until directed otherwise in writing by the Department.

b. On or before November 30, 2017, PWSA shall submit a complete application for a minor permit amendment to cover the Highland 1 reservoir. Within 150 days of the date the Department issues an amended construction permit, cover the Highland 1 reservoir in accordance with the terms and conditions of the permit, and provide adequate security with a physical barrier.

2. **Lanpher Reservoir.** PWSA shall complete all actions necessary to restore the Lanpher Reservoir to service in accordance with the following schedule:

a. On or before November 15, 2017, PWSA shall complete repairs to the cover of the Lanpher Reservoir East Cell and return the East Cell to service.

b. On or before November 30, 2017, PWSA shall submit a complete permit application for an amended construction permit to replace the cover and liner on both cells of the Lanpher Reservoir.

c. Within 150 days of the date the Department issues an amended construction permit, PWSA shall replace the West Cell cover and liner, and apply for an operation permit for the West Cell. PWSA shall return the West Cell to service immediately upon issuance of an operation permit by the Department.

d. Within 150 days of returning the West Cell to service, PWSA shall replace the East Cell cover and liner, and apply for an operation permit for the East Cell. PWSA shall return the East Cell to service immediately upon issuance of an operation permit by the Department.

3. **Bruecken Pump Station.** PWSA shall complete the actions necessary to ensure reliability of the Bruecken Pump Station in accordance with the following schedule:

a. On or before November 30, 2017, PWSA shall submit a complete application for an amended construction permit to install a backup variable speed pump at the Bruecken Pump Station.

b. Within 60 days of the date the Department issues an amended construction permit, PWSA shall obtain the backup pump and submit to the Department a standard operating procedure (SOP) describing the circumstances and specific mechanism as to how it will be brought into service if needed.

c. On or before December 31, 2017, PWSA shall provide emergency backup power for the Bruecken Pump Station and shall submit to the Department the details of the backup power system and a copy of the SOP that will be added to PWSA's Emergency Response Plan for use of the backup power system.

4. **Pressure Sensors.** PWSA shall complete the actions necessary to assure that water at adequate pressure is continuously supplied to the users in accordance with the following schedule:

a. On or before November 30, 2017, PWSA shall identify critical low pressure points in each of the System's pressure zones and provide those locations to the

Department for its approval, in the form of a System drawing identifying both the pressure zones and the critical low pressure points.

b. Within 30 days of the Department's approval of PWSA's submission, PWSA shall install pressure sensors at each of these locations capable of reporting pressure data to PWSA in real time. PWSA will maintain adequate records of pressure sensor data with data points recorded no less frequently than once every 15 minutes. These readings shall be used by PWSA to make any necessary System changes or repairs as soon as possible to assure adequate pressures are maintained.

c. PWSA must notify the Department within one hour if any of the following occur:

- i. If any pressure data indicates a loss of positive pressure.
- ii. If any two consecutive 15-minute readings are below 20 PSI.

5. **Capital Improvement Projects**. On or before November 30, 2017, PWSA shall provide a detailed schedule for completion of the longer term projects set forth in PWSA's "Capital Improvement Projects from the 2017 to 2021 Capital Improvement Program" presented by PWSA to the Department on October 18, 2017, attached as Exhibit A. The schedule shall include dates for design, permitting, procurement, construction, start-up and final in-service date for each individual project.


6. **Qualified Personnel**. PWSA and the City shall ensure that adequately and appropriately qualified staff and/or consultants are employed to perform the tasks required under this Administrative Order.

7. **Funding**. The City shall ensure that PWSA has funds available to complete all of the tasks required under this Administrative Order.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's Rules of Practice and Procedure may be obtained from the Board. The appeal form and the Board's Rules of Practice and Procedure are also available in Braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

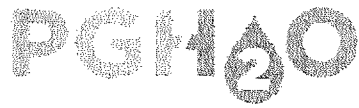
IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD. IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

FOR THE COMMONWEALTH OF
PENNSYLVANIA, DEPARTMENT OF
ENVIRONMENTAL PROTECTION:



Alan J. Eichler
Program Manager
Safe Drinking Water Program

EXHIBIT A

**EXHIBIT A**

2017-2021 Capital Projects Defined Projects*

Project Name	Project Budget	Start Date
Aspinwall WTP Electrical & Backup Power Improvements	\$ 26,320,000	Mar-17
Aspinwall WTP Pretreatment & Clarification Improvements	\$ 28,371,000	Mar-17
Clearwell Emergency Response Project	\$ 27,630,000	Mar-17
Highland Reservoir Pump Station and Rising Main	\$ 31,690,000	Mar-17
Maryland Avenue Green Infrastructure	\$ 6,495,000	Mar-17
Ft. Duquesne Bridge Water Main Improvements	\$ 770,000	Mar-17
31 st Ward Sewer Improvements	\$ 13,520,00	Mar-17
Highland MFP Critical Process Improvements	\$ 985,000	Mar-17
Highland MFP Filtration Module Replacement	\$ 2,950,000	Apr-17
Highland MFP Transformer and UPS Replacement	\$ 90,000	Apr-17
Lawn and Ophelia Green Infrastructure	\$ 845,000	Aug-17



2017-2021 Capital Projects Defined Projects*

Project Name	Project Budget	Start Date
MFP FRP Chemical Tank Inspections & Repairs/Replacement	\$ 165,000	Aug-17
Smallman Street Infrastructure Improvements	\$ 12,700,000	Sept-17
Lanpher Reservoir Improvements	\$ 16,830,000	Sept-17
Corrosion Control Chemical Storage & Feed Systems	\$ 3,960,000	Oct-17
Aspinwall Pump Station Improvements	\$ 29,460,000	Nov-17
2018 Small Water Main Replacement Project	\$ 10,520,000	Nov-17
2018 Sewers Under Structures	\$ 6,580,000	Nov-17
Maytide Storm and Sanitary Sewer System Improvements	\$ 2,660,000	Nov-17
Woods Run Stream Inflow - Mairdale Avenue	\$ 1,920,000	Nov-17
Wightman Park Green Infrastructure Project	\$ 1,525,000	Nov-17
Aspinwall Pump Station to Lanpher Reservoir Rising Main	\$ 48,684,000	Feb-18
Bruecken Pump Station Improvements	\$25,080,000	Feb-18
Herron Hill Reservoir Improvements	\$ 4,000,000	Feb-18



2017-2021 Capital Projects Defined Projects*

Project Name	Project Budget	Start Date
Chlorine Booster Station Improvements	\$ 6,175,000	Feb-18
Panther Hollow/Four Mile Run Green Infrastructure	\$ 40,500,00	Feb-18
District Water and Pressure Meters	\$ 2,795,000	Feb-18
Garfield Tank Improvements	\$ 3,970,000	Feb-18
Lincoln Tank Improvements	\$ 4,105,000	Feb-18
Washout Disconnection Program	\$ 12,750,000	Mar-18
Heth's Run Green Infrastructure	\$ 10,960,000	Mar-18

To: Pollins, Mark[Pollins.Mark@epa.gov]; Kelley, Rosemarie[Kelley.Rosemarie@epa.gov]
Cc: Starfield, Lawrence[Starfield.Lawrence@epa.gov]; Traylor, Patrick[traylor.patrick@epa.gov]; Miles, Erin[Miles.Erin@epa.gov]; Shiffman, Cari[Shiffman.Cari@epa.gov]; Theis, Joseph[Theis.Joseph@epa.gov]; Denton, Loren[Denton.Loren@epa.gov]
From: Bodine, Susan
Sent: Thur 11/16/2017 3:57:12 PM
Subject: RE: new enforcement guidance?
[CRPT-115hrpt380.pdf](#)

I spoke to Lee.

Ex. 5 - Attorney Client

Ex. 5 - Attorney Client

So, I think the response to the inevitable NACWA question is:

Ex. 5 - Attorney Client

If you want to, you could also say:

Ex. 5 - Attorney Client

Ex. 5 - Attorney Client

Ex. 5 - Attorney Client

Thoughts?

Ex. 5 - Attorney Client

From: Pollins, Mark

Sent: Thursday, November 16, 2017 9:03 AM

To: Kelley, Rosemarie <Kelley.Rosemarie@epa.gov>

Cc: Bodine, Susan <bodine.susan@epa.gov>; Starfield, Lawrence <Starfield.Lawrence@epa.gov>; Traylor, Patrick <traylor.patrick@epa.gov>; Miles, Erin <Miles.Erin@epa.gov>; Shiffman, Cari <Shiffman.Cari@epa.gov>; Theis, Joseph <Theis.Joseph@epa.gov>; Denton, Loren <Denton.Loren@epa.gov>

Subject: Re: new enforcement guidance?

Ex. 5 - Attorney Client

Mark

Sent from my iPhone

On Nov 16, 2017, at 8:51 AM, Kelley, Rosemarie <Kelley.Rosemarie@epa.gov> wrote:

Ex. 5 - Attorney Client

Rosemarie

On Nov 16, 2017, at 8:40 AM, Bodine, Susan <bodine.susan@epa.gov> wrote:

Ex. 5 - Attorney Client?

Water Infrastructure

No Fines for Water Utilities Taking Over Failed Systems: EPA

Snapshot

- Water utilities may see fines, enforcement actions dropped after taking over failed systems under EPA initiative
- EPA says the initiative would encourage compliance

By [Amena H. Saiyid](#)

Water utilities that take over failing treatment plants to upgrade or maintain infrastructure critical to providing safe water may see enforcement actions and penalties waived by the federal government, the EPA's top water official said Nov. 15.

"We are going to bend over backwards" to halt enforcement actions if utilities take over and assume responsibility for maintenance and operations for failing systems, Dennis L. Forsgren Jr., deputy assistant administrator for the Environmental Protection Agency's Office of Water, told participants at the National Clean Water Law Seminar in Savannah, Ga. However, the EPA's water and enforcement offices are working out the details of how such a policy would work.

Forsgren said utilities are acting as "good Samaritans" by assuming consent decrees to make the needed infrastructure repairs. In exchange, the EPA would waive their fines "as a way to encourage them," he added.

"Our goal is to get to a culture of compliance, and not have to use the heavy hand of enforcement," he said.

The U.S. has more than 800,000 miles of public sewers, and sewers are susceptible to structural failure, blockages, and overflows, according to the American Society of Civil Engineers. An estimated 23,000 to 75,000 sewage overflows occur each year and lead to contamination of waterways with toxic pollution and debris.

The engineers also estimate 240,000 drinking water main breaks occur each year. And many small water systems lack the funds to treat tap water to meet federal standards for arsenic, perchlorate, and lead.

Many utilities of all sizes are under consent decrees or face enforcement actions for failure to reduce overflows from combined sewers that transport both stormwater and wastewater or just sanitary sewer overflows.

'White Knights' Rewarded

The EPA's initiative rewards "white knights" who voluntarily step into help failing wastewater and drinking water plants or systems, said Chris Pomeroy, president of Richmond, Va.-based AquaLaw PLC, which specializes in water law issues.

"That concept is exactly right," Pomeroy told Bloomberg Environment on the sidelines of the law conference. "We

should not be in the business of penalizing good actors who might be willing to come to the rescue of failing systems," not to mention the public health and environmental benefits that would accrue from such a move.

To contact the reporter on this story: Amena H. Saiyid in Washington at asaiyid@bna.com

To contact the editor responsible for this story: Rachael Daigle at rdaigle@bna.com

115TH CONGRESS " HOUSE OF REPRESENTATIVES ! REPORT
1st Session 115-380

DRINKING WATER SYSTEM IMPROVEMENT ACT OF 2017

NOVEMBER 1, 2017.—Committed to the Committee of the Whole House on the State
of the Union and ordered to be printed

Mr. WALDEN, from the Committee on Energy and Commerce,
submitted the following

R E P O R T

together with

ADDITIONAL VIEWS

[To accompany H.R. 3387]

[Including cost estimate of the Congressional Budget Office]

The Committee on Energy and Commerce, to whom was referred the bill (H.R. 3387) to amend the Safe Drinking Water Act to improve public water systems and enhance compliance with such Act, and for other purposes, having considered the same, report favorably thereon with an amendment and recommend that the bill as amended do pass.

CONTENTS

	Page
Purpose and Summary	12
Background and Need for Legislation	12
Committee Action	15
Committee Votes	16
Oversight Findings and Recommendations	16
New Budget Authority, Entitlement Authority, and Tax Expenditures	17
Congressional Budget Office Estimate	17
Federal Mandates Statement	23
Statement of General Performance Goals and Objectives	24
Duplication of Federal Programs	24
Committee Cost Estimate	24
Earmark, Limited Tax Benefits, and Limited Tariff Benefits	24
Disclosure of Directed Rule Makings	24
Advisory Committee Statement	24
Applicability to Legislative Branch	24

Section-by-Section Analysis of the Legislation	24
Changes in Existing Law Made by the Bill, as Reported	39
Additional Views	99

The amendment is as follows:

Strike all after the enacting clause and insert the following:

SECTION 1. SHORT TITLE.

This Act may be cited as the “Drinking Water System Improvement Act of 2017”.

SEC. 2. IMPROVED CONSUMER CONFIDENCE REPORTS.

Section 1414(c)(4) of the Safe Drinking Water Act (42 U.S.C. 300g–3(c)(4)) is amended—

(1) in the heading for subparagraph (A), by striking “ANNUAL REPORTS” and inserting “REPORTS”;

(2) in subparagraph (A), by inserting “, or provide by electronic means,” after “to mail”;

(3) in subparagraph (B)—

(A) in clause (iv), by striking “the Administrator, and” and inserting “the Administrator, including corrosion control efforts, and”; and

(B) by adding at the end the following clause:

“(vii) Identification of, if any—

“(I) exceedances described in paragraph (1)(D) for which corrective action has been required by the Administrator or the State (in the case of a State exercising primary enforcement responsibility for public water systems) during the monitoring period covered by the consumer confidence report; and

“(II) violations that occurred during the monitoring period covered by the consumer confidence report.”; and

(4) by adding at the end the following new subparagraph:

“(F) REVISIONS.—

“(i) UNDERSTANDABILITY AND FREQUENCY.—Not later than 24 months after the Drinking Water System Improvement Act of 2017, the Administrator, in consultation with the parties identified in subparagraph (A), shall issue revisions to the regulations issued under subparagraph

(A)—

“(I) to increase—

“(aa) the readability, clarity, and understandability of the information presented in consumer confidence reports; and

“(bb) the accuracy of information presented, and risk communication, in consumer confidence reports; and

“(II) with respect to community water systems that serve 10,000 or more persons, to require each such community water system to provide, by mail, electronic means, or other methods described in clause (ii), a consumer confidence report to each customer of the system at least biannually.

“(ii) ELECTRONIC DELIVERY.—Any revision of regulations pursuant to clause (i) shall allow delivery of consumer confidence reports by methods consistent with methods described in the memorandum ‘Safe Drinking Water Act–Consumer Confidence Report Rule Delivery Options’ issued by the Environmental Protection Agency on January 3, 2013.”.

SEC. 3. CONTRACTUAL AGREEMENTS.

(a) IN GENERAL.—Section 1414(h)(1) of the Safe Drinking Water Act (42 U.S.C. 300g–3(h)(1)) is amended—

(1) in subparagraph (B), by striking “or” after the semicolon;

(2) in subparagraph (C), by striking the period at the end and inserting “; or”;

and

(3) by adding at the end the following new subparagraph:

“(D) entering into a contractual agreement for significant management or administrative functions of the system to correct violations identified in the plan.”.

(b) TECHNICAL AMENDMENT.—Section 1414(i)(1) of the Safe Drinking Water Act (42 U.S.C. 300g–3(i)(1)) is amended by inserting a comma after “1417”.

SEC. 4. CONSOLIDATION.

(a) MANDATORY ASSESSMENT AND CONSOLIDATION.—Subsection (h) of section 1414 of the Safe Drinking Water Act (42 U.S.C. 300g–3) is amended by adding at the end the following:

“(3) AUTHORITY FOR MANDATORY ASSESSMENT AND MANDATORY CONSOLIDATION.—

“(A) MANDATORY ASSESSMENT.—A State with primary enforcement responsibility or the Administrator (if the State does not have primary enforcement responsibility) may require the owner or operator of a public water system to assess options for consolidation, or transfer of ownership of the system, as described in paragraph (1), if—

“(i) the public water system—

“(I) has repeatedly violated one or more national primary drinking water regulations and such repeated violations are likely to adversely affect human health; and

“(II)(aa) is unable or unwilling to take feasible and affordable actions, as identified by the State with primary enforcement responsibility or the Administrator (if the State does not have primary enforcement responsibility), that will result in the public water system complying with the national primary drinking water regulations described in subclause (I), including accessing technical assistance and financial assistance through the State loan fund pursuant to section 1452; or

“(bb) has already undertaken actions described in item (aa) without achieving compliance;

“(ii) such consolidation or transfer is feasible; and

“(iii) such consolidation or transfer could result in greater compliance with national primary drinking water regulations.

“(B) MANDATORY CONSOLIDATION.—After review of an assessment under subparagraph (A), a State with primary enforcement responsibility or the Administrator (if the State does not have primary enforcement responsibility) may require the owner or operator of a public water system that completed such assessment to submit a plan for consolidation, or transfer of ownership of the system, under paragraph (1), and complete the actions required under such plan if—

“(i) the owner or operator of the public water system—

“(I) has not taken steps to complete consolidation;

“(II) has not transferred ownership of the system; or

“(III) was unable to achieve compliance after taking the actions described in clause (i)(I)(aa) of subparagraph (A);

“(ii) since completing such assessment, the public water system has violated one or more national primary drinking water regulations and such violations are likely to adversely affect human health; and

“(iii) such consolidation or transfer is feasible.

“(4) FINANCIAL ASSISTANCE.—Notwithstanding section 1452(a)(3), a public water system undertaking consolidation or transfer of ownership or alternative actions to achieve compliance pursuant to this subsection may receive assistance under section 1452 to carry out such consolidation, transfer, or alternative actions.

“(5) PROTECTION OF NONRESPONSIBLE SYSTEM.—

“(A) IDENTIFICATION OF LIABILITIES.—

“(i) IN GENERAL.—An owner or operator of a public water system submitting a plan pursuant to paragraph (3) shall identify as part of such plan—

“(I) any potential liability for damages arising from each specific violation identified in the plan of which the owner or operator is aware; and

“(II) any funds or other assets that are available to satisfy such liability, as of the date of submission of such plan, to the public water system that committed such violation.

“(ii) INCLUSION.—In carrying out clause (i), the owner or operator shall take reasonable steps to ensure that all potential liabilities for damages arising from each specific violation identified in the plan submitted pursuant to paragraph (3) are identified.

“(B) RESERVATION OF FUNDS.—A public water system that has completed the actions required under a plan submitted and approved pursuant to paragraph (3) shall not be liable under this title for a violation of this title identified in the plan, except to the extent to which funds or other assets are identified pursuant to subparagraph (A)(i)(II) as available to satisfy such liability.

“(6) REGULATIONS.—Not later than 2 years after the date of enactment of the Drinking Water System Improvement Act of 2017, the Administrator shall promulgate regulations to implement paragraphs (3), (4), and (5).”.

(b) RETENTION OF PRIMARY ENFORCEMENT AUTHORITY.—

(1) IN GENERAL.—Section 1413(a) of the Safe Drinking Water Act (42 U.S.C. 300g–2(a)) is amended—

(A) in paragraph (5), by striking “; and” and inserting a semicolon;

(B) by redesignating paragraph (6) as paragraph (7); and

(C) by inserting after paragraph (5) the following new paragraph:

“(6) has adopted and is implementing procedures for requiring public water systems to assess options for, and complete, consolidation or transfer of ownership, in accordance with the regulations issued by the Administrator under section 1414(h)(6); and”.

(2) CONFORMING AMENDMENT.—Section 1413(b)(1) of the Safe Drinking Water Act (42 U.S.C. 300g–2(b)(1)) is amended by striking “of paragraphs (1), (2), (3), and (4)”.

SEC. 5. IMPROVED ACCURACY AND AVAILABILITY OF COMPLIANCE MONITORING DATA.

Section 1414 of the Safe Drinking Water Act (42 U.S.C. 300g–3) is amended by adding at the end the following new subsection:

“(j) IMPROVED ACCURACY AND AVAILABILITY OF COMPLIANCE MONITORING DATA.—

“(1) STRATEGIC PLAN.—Not later than 1 year after the date of enactment of this subsection, the Administrator, in coordination with States, public water systems, and other interested stakeholders, shall develop and provide to Congress a strategic plan for improving the accuracy and availability of monitoring data collected to demonstrate compliance with national primary drinking water regulations and submitted—

“(A) by public water systems to States; or

“(B) by States to the Administrator.

“(2) EVALUATION.—In developing the strategic plan under paragraph (1), the Administrator shall evaluate any challenges faced—

“(A) in ensuring the accuracy and integrity of submitted data described in paragraph (1);

“(B) by States and public water systems in implementing an electronic system for submitting such data, including the technical and economic feasibility of implementing such a system; and

“(C) by users of such electronic systems in being able to access such data.

“(3) FINDINGS AND RECOMMENDATIONS.—The Administrator shall include in the strategic plan provided to Congress under paragraph (1)—

“(A) a summary of the findings of the evaluation under paragraph (2); and

“(B) recommendations on practicable, cost-effective methods and means that can be employed to improve the accuracy and availability of submitted data described in paragraph (1).

“(4) CONSULTATION.—In developing the strategic plan under paragraph (1), the Administrator may, as appropriate, consult with States or other Federal agencies that have experience using practicable methods and means to improve the accuracy and availability of submitted data described in such paragraph.”.

SEC. 6. ASSET MANAGEMENT.

Section 1420 of the Safe Drinking Water Act (42 U.S.C. 300g–9) is amended—

(1) in subsection (c)(2)—

(A) in subparagraph (D), by striking “; and” and inserting a semicolon;

(B) in subparagraph (E), by striking the period at the end and inserting “; and”; and

(C) by adding at the end the following new subparagraph:

“(F) a description of how the State will, as appropriate—

“(i) encourage development by public water systems of asset management plans that include best practices for asset management; and

“(ii) assist, including through the provision of technical assistance, public water systems in training operators or other relevant and appropriate persons in implementing such asset management plans.”;

(2) in subsection (c)(3), by inserting “, including efforts of the State to encourage development by public water systems of asset management plans and to assist public water systems in training relevant and appropriate persons in implementing such asset management plans” after “public water systems in the State”; and

(3) in subsection (d), by adding at the end the following new paragraph:

“(5) INFORMATION ON ASSET MANAGEMENT PRACTICES.—Not later than 5 years after the date of enactment of this paragraph, and not less often than every 5 years thereafter, the Administrator shall review and, if appropriate, update educational materials, including handbooks, training materials, and technical information, made available by the Administrator to owners, managers, and op-

erators of public water systems, local officials, technical assistance providers (including nonprofit water associations), and State personnel concerning best practices for asset management strategies that may be used by public water systems.”.

SEC. 7. COMMUNITY WATER SYSTEM RISK AND RESILIENCE.

(a) **IN GENERAL.**—Section 1433 of the Safe Drinking Water Act (42 U.S.C. 300i–2) is amended to read as follows:

“SEC. 1433. COMMUNITY WATER SYSTEM RISK AND RESILIENCE.

“(a) RISK AND RESILIENCE ASSESSMENTS.—

“(1) IN GENERAL.—Each community water system serving a population of greater than 3,300 persons shall conduct an assessment of the risks to, and resilience of, its system. Such an assessment—

“(A) shall include an assessment of—

“(i) the risk to the system from malevolent acts and natural hazards;

“(ii) the resilience of the pipes and constructed conveyances, physical barriers, source water, water collection and intake, pretreatment, treatment, storage and distribution facilities, electronic, computer, or other automated systems (including the security of such systems) which are utilized by the system;

“(iii) the monitoring practices of the system;

“(iv) the financial infrastructure of the system;

“(v) the use, storage, or handling of various chemicals by the system;

and

“(vi) the operation and maintenance of the system; and

“(B) may include an evaluation of capital and operational needs for risk and resilience management for the system.

“(2) BASELINE INFORMATION.—The Administrator, not later than August 1, 2019, after consultation with appropriate departments and agencies of the Federal Government and with State and local governments, shall provide baseline information on malevolent acts of relevance to community water systems, which shall include consideration of acts that may—

“(A) substantially disrupt the ability of the system to provide a safe and reliable supply of drinking water; or

“(B) otherwise present significant public health or economic concerns to the community served by the system.

“(3) CERTIFICATION.—

“(A) CERTIFICATION.—Each community water system described in paragraph (1) shall submit to the Administrator a certification that the system has conducted an assessment complying with paragraph (1). Such certification shall be made prior to—

“(i) March 31, 2020, in the case of systems serving a population of 100,000 or more;

“(ii) December 31, 2020, in the case of systems serving a population of 50,000 or more but less than 100,000; and

“(iii) June 30, 2021, in the case of systems serving a population greater than 3,300 but less than 50,000.

“(B) REVIEW AND REVISION.—Each community water system described in paragraph (1) shall review the assessment of such system conducted under such paragraph at least once every 5 years after the applicable deadline for submission of its certification under subparagraph (A) to determine whether such assessment should be revised. Upon completion of such a review, the community water system shall submit to the Administrator a certification that the system has reviewed its assessment and, if applicable, revised such assessment.

“(4) CONTENTS OF CERTIFICATIONS.—A certification required under paragraph (3) shall contain only—

“(A) information that identifies the community water system submitting the certification;

“(B) the date of the certification; and

“(C) a statement that the community water system has conducted, reviewed, or revised the assessment, as applicable.

“(5) PROVISION TO OTHER ENTITIES.—No community water system shall be required under State or local law to provide an assessment described in this section (or revision thereof) to any State, regional, or local governmental entity solely by reason of the requirement set forth in paragraph (3) that the system submit a certification to the Administrator.

“(b) EMERGENCY RESPONSE PLAN.—Each community water system serving a population greater than 3,300 shall prepare or revise, where necessary, an emergency re-

sponse plan that incorporates findings of the assessment conducted under subsection (a) for such system (and any revisions thereto). Each community water system shall certify to the Administrator, as soon as reasonably possible after the date of enactment of the Drinking Water System Improvement Act of 2017, but not later than 6 months after completion of the assessment under subsection (a), that the system has completed such plan. The emergency response plan shall include—

“(1) strategies and resources to improve the resilience of the system, including the physical security and cybersecurity of the system;

“(2) plans and procedures that can be implemented, and identification of equipment that can be utilized, in the event of a malevolent act or natural hazard that threatens the ability of the community water system to deliver safe drinking water;

“(3) actions, procedures, and equipment which can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to communities and individuals, including the development of alternative source water options, relocation of water intakes, and construction of flood protection barriers; and

“(4) strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.

“(c) COORDINATION.—Community water systems shall, to the extent possible, coordinate with existing local emergency planning committees established pursuant to the Emergency Planning and Community Right-To-Know Act of 1986 (42 U.S.C. 11001 et seq.) when preparing or revising an assessment or emergency response plan under this section.

“(d) RECORD MAINTENANCE.—Each community water system shall maintain a copy of the assessment conducted under subsection (a) and the emergency response plan prepared under subsection (b) (including any revised assessment or plan) for 5 years after the date on which a certification of such assessment or plan is submitted to the Administrator under this section.

“(e) GUIDANCE TO SMALL PUBLIC WATER SYSTEMS.—The Administrator shall provide guidance and technical assistance to community water systems serving a population of less than 3,300 persons on how to conduct resilience assessments, prepare emergency response plans, and address threats from malevolent acts and natural hazards that threaten to disrupt the provision of safe drinking water or significantly affect the public health or significantly affect the safety or supply of drinking water provided to communities and individuals.

“(f) ALTERNATIVE PREPAREDNESS AND OPERATIONAL RESILIENCE PROGRAMS.—

“(1) SATISFACTION OF REQUIREMENT.—A community water system that is required to comply with the requirements of subsections (a) and (b) may satisfy such requirements by—

“(A) using and complying with technical standards that the Administrator has recognized under paragraph (2); and

“(B) submitting to the Administrator a certification that the community water system is complying with subparagraph (A).

“(2) AUTHORITY TO RECOGNIZE.—Consistent with section 12(d) of the National Technology Transfer and Advancement Act of 1995, the Administrator shall recognize technical standards that are developed or adopted by third-party organizations or voluntary consensus standards bodies that carry out the objectives or activities required by this section as a means of satisfying the requirements under subsection (a) or (b).

“(g) TECHNICAL ASSISTANCE AND GRANTS.—

“(1) IN GENERAL.—The Administrator shall establish and implement a program, to be known as the Drinking Water Infrastructure Risk and Resilience Program, under which the Administrator may award grants in each of fiscal years 2018 through 2022 to owners or operators of community water systems for the purpose of increasing the resilience of such community water systems.

“(2) USE OF FUNDS.—As a condition on receipt of a grant under this section, an owner or operator of a community water system shall agree to use the grant funds exclusively to assist in the planning, design, construction, or implementation of a program or project consistent with an emergency response plan prepared pursuant to subsection (b), which may include—

“(A) the purchase and installation of equipment for detection of drinking water contaminants or malevolent acts;

“(B) the purchase and installation of fencing, gating, lighting, or security cameras;

“(C) the tamper-proofing of manhole covers, fire hydrants, and valve boxes;

“(D) the purchase and installation of improved treatment technologies and equipment to improve the resilience of the system;

“(E) improvements to electronic, computer, financial, or other automated systems and remote systems;

“(F) participation in training programs, and the purchase of training manuals and guidance materials, relating to security and resilience;

“(G) improvements in the use, storage, or handling of chemicals by the community water system;

“(H) security screening of employees or contractor support services;

“(I) equipment necessary to support emergency power or water supply, including standby and mobile sources; and

“(J) the development of alternative source water options, relocation of water intakes, and construction of flood protection barriers.

“(3) EXCLUSIONS.—A grant under this subsection may not be used for personnel costs, or for monitoring, operation, or maintenance of facilities, equipment, or systems.

“(4) TECHNICAL ASSISTANCE.—For each fiscal year, the Administrator may use not more than \$5,000,000 from the funds made available to carry out this subsection to provide technical assistance to community water systems to assist in responding to and alleviating a vulnerability that would substantially disrupt the ability of the system to provide a safe and reliable supply of drinking water (including sources of water for such systems) which the Administrator determines to present an immediate and urgent need.

“(5) GRANTS FOR SMALL SYSTEMS.—For each fiscal year, the Administrator may use not more than \$10,000,000 from the funds made available to carry out this subsection to make grants to community water systems serving a population of less than 3,300 persons, or nonprofit organizations receiving assistance under section 1442(e), for activities and projects undertaken in accordance with the guidance provided to such systems under subsection (e) of this section.

“(6) AUTHORIZATION OF APPROPRIATIONS.—To carry out this subsection, there are authorized to be appropriated \$35,000,000 for each of fiscal years 2018 through 2022.

“(h) DEFINITIONS.—In this section—

“(1) the term ‘resilience’ means the ability of a community water system or an asset of a community water system to adapt to or withstand the effects of a malevolent act or natural hazard without interruption to the asset’s or system’s function, or if the function is interrupted, to rapidly return to a normal operating condition; and

“(2) the term ‘natural hazard’ means a natural event that threatens the functioning of a community water system, including an earthquake, tornado, flood, hurricane, wildfire, and hydrologic changes.”.

(b) SENSITIVE INFORMATION.—

(1) PROTECTION FROM DISCLOSURE.—Information submitted to the Administrator of the Environmental Protection Agency pursuant to section 1433 of the Safe Drinking Water Act, as in effect on the day before the date of enactment of the Drinking Water System Improvement Act of 2017, shall be protected from disclosure in accordance with the provisions of such section as in effect on such day.

(2) DISPOSAL.—The Administrator, in partnership with community water systems (as defined in section 1401 of the Safe Drinking Water Act), shall develop a strategy to, in a timeframe determined appropriate by the Administrator, securely and permanently dispose of, or return to the applicable community water system, any information described in paragraph (1).

SEC. 8. AUTHORIZATION FOR GRANTS FOR STATE PROGRAMS.

Section 1443(a)(7) of the Safe Drinking Water Act (42 U.S.C. 300j–2(a)(7)) is amended by striking “\$100,000,000 for each of fiscal years 1997 through 2003” and inserting “\$150,000,000 for each of fiscal years 2018 through 2022”.

SEC. 9. MONITORING FOR UNREGULATED CONTAMINANTS.

(a) IN GENERAL.—Section 1445 of the Safe Drinking Water Act (42 U.S.C. 300j–4) is amended by adding at the end the following:

“(j) MONITORING BY CERTAIN SYSTEMS.—

“(1) IN GENERAL.—Notwithstanding subsection (a)(2)(A), the Administrator shall, subject to the availability of appropriations for such purpose—

“(A) require public water systems serving between 3,300 and 10,000 persons to monitor for unregulated contaminants in accordance with this section; and

“(B) ensure that only a representative sample of public water systems serving less than 3,300 persons are required to monitor.

“(2) EFFECTIVE DATE.—Paragraph (1) shall take effect 3 years after the date of enactment of this subsection.

"(3) LIMITATION.—Paragraph (1) shall take effect unless the Administrator determines that there is not sufficient laboratory capacity to accommodate the analysis necessary to carry out monitoring required under such paragraph.

"(4) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated \$15,000,000 in each fiscal year for which monitoring is required to be carried out under this subsection for the Administrator to pay the reasonable cost of such testing and laboratory analysis as are necessary to carry out monitoring required under this subsection."

(b) AUTHORIZATION OF APPROPRIATIONS.—Section 1445(a)(2)(H) of the Safe Drinking Water Act (42 U.S.C. 300j-4(a)(2)(H)) is amended by striking "1997 through 2003" and inserting "2018 through 2022".

(c) INCLUSION IN DATA BASE.—Section 1445(g)(7) of the Safe Drinking Water Act (42 U.S.C. 300j-4(g)(7)) is amended by—

- (1) striking "and" at the end of subparagraph (B);
- (2) redesignating subparagraph (C) as subparagraph (D); and
- (3) inserting after subparagraph (B) the following:

"(C) if applicable, monitoring information collected by public water systems pursuant to subsection (j) that is not duplicative of monitoring information included in the data base under subparagraph (B) or (D); and"

SEC. 10. STATE REVOLVING LOAN FUNDS.

(a) USE OF FUNDS.—Section 1452(a)(2)(B) of the Safe Drinking Water Act (42 U.S.C. 300j-12(a)(2)(B)) is amended by striking "(including expenditures for planning, design, and associated preconstruction activities, including activities relating to the siting of the facility, but not" and inserting "(including expenditures for planning, design, siting, and associated preconstruction activities, or for replacing or rehabilitating aging treatment, storage, or distribution facilities of public water systems, but not".

(b) AMERICAN IRON AND STEEL PRODUCTS.—Section 1452(a)(4)(A) of the Safe Drinking Water Act (42 U.S.C. 300j-12(a)(4)(A)) is amended by striking "fiscal year 2017" and inserting "fiscal years 2018 through 2022".

(c) EVALUATION.—Section 1452(a) of the Safe Drinking Water Act (42 U.S.C. 300j-12(a)) is amended by adding at the end the following:

"(5) EVALUATION.—During fiscal years 2018 through 2022, a State may provide financial assistance under this section to a public water system serving a population of more than 10,000 for an expenditure described in paragraph (2) only if the public water system—

"(A) considers the cost and effectiveness of relevant processes, materials, techniques, and technologies for carrying out the project or activity that is the subject of the expenditure; and

"(B) certifies to the State, in a form and manner determined by the State, that the public water system has made such consideration."

(d) PREVAILING WAGES.—Section 1452(a) of the Safe Drinking Water Act (42 U.S.C. 300j-12(a)) is further amended by adding at the end the following:

"(6) PREVAILING WAGES.—The requirements of section 1450(e) shall apply to any construction project carried out in whole or in part with assistance made available by a drinking water treatment revolving loan fund."

(e) ASSISTANCE FOR DISADVANTAGED COMMUNITIES.—Section 1452(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300j-12(d)(2)) is amended to read as follows:

"(2) TOTAL AMOUNT OF SUBSIDIES.—For each fiscal year, of the amount of the capitalization grant received by the State for the year, the total amount of loan subsidies made by a State pursuant to paragraph (1)—

"(A) may not exceed 35 percent; and

"(B) to the extent that there are sufficient applications for loans to communities described in paragraph (1), may not be less than 6 percent."

(f) TYPES OF ASSISTANCE.—Section 1452(f)(1) of the Safe Drinking Water Act (42 U.S.C. 300j-12(f)(1)) is amended—

(1) by redesignating subparagraphs (C) and (D) as subparagraphs (D) and (E), respectively;

(2) by inserting after subparagraph (B) the following new subparagraph:

"(C) each loan will be fully amortized not later than 30 years after the completion of the project, except that in the case of a disadvantaged community (as defined in subsection (d)(3)) a State may provide an extended term for a loan, if the extended term—

"(i) terminates not later than the date that is 40 years after the date of project completion; and

"(ii) does not exceed the expected design life of the project;" and

(3) in subparagraph (B), by striking "1 year after completion of the project for which the loan was made" and all that follows through "design life of the

project,” and inserting “18 months after completion of the project for which the loan was made;”.

(g) NEEDS SURVEY.—Section 1452(h) of the Safe Drinking Water Act (42 U.S.C. 300j–12(h)) is amended—

(1) by striking “The Administrator” and inserting “(1) The Administrator”; and

(2) by adding at the end the following new paragraph:

“(2) Any assessment conducted under paragraph (1) after the date of enactment of the Drinking Water System Improvement Act of 2017 shall include an assessment of costs to replace all lead service lines (as defined in section 1459B(a)(4)) of all eligible public water systems in the United States, and such assessment shall describe separately the costs associated with replacing the portions of such lead service lines that are owned by an eligible public water system and the costs associated with replacing any remaining portions of such lead service lines, to the extent practicable.”.

(h) OTHER AUTHORIZED ACTIVITIES.—Section 1452(k)(1)(C) of the Safe Drinking Water Act (42 U.S.C. 300j–12(k)(1)(C)) is amended by striking “for fiscal years 1996 and 1997 to delineate and assess source water protection areas in accordance with section 1453” and inserting “to delineate, assess, and update assessments for source water protection areas in accordance with section 1453”.

(i) AUTHORIZATION FOR CAPITALIZATION GRANTS TO STATES FOR STATE DRINKING WATER TREATMENT REVOLVING LOAN FUNDS.—Section 1452(m) of the Safe Drinking Water Act (42 U.S.C. 300j–12(m)) is amended—

(1) by striking the first sentence and inserting the following:

“(1) There are authorized to be appropriated to carry out the purposes of this section—

- “(A) \$1,200,000,000 for fiscal year 2018;
- “(B) \$1,400,000,000 for fiscal year 2019;
- “(C) \$1,600,000,000 for fiscal year 2020;
- “(D) \$1,800,000,000 for fiscal year 2021; and
- “(E) \$2,000,000,000 for fiscal year 2022.”;

(2) by striking “To the extent amounts authorized to be” and inserting the following:

“(2) To the extent amounts authorized to be”; and

(3) by striking “(prior to the fiscal year 2004)”.

(j) BEST PRACTICES FOR ADMINISTRATION OF STATE REVOLVING LOAN FUNDS.—Section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j–12) is amended by adding after subsection (r) the following:

“(s) BEST PRACTICES FOR STATE LOAN FUND ADMINISTRATION.—The Administrator shall—

“(1) collect information from States on administration of State loan funds established pursuant to subsection (a)(1), including—

“(A) efforts to streamline the process for applying for assistance through such State loan funds;

“(B) programs in place to assist with the completion of applications for assistance through such State loan funds;

“(C) incentives provided to public water systems that partner with small public water systems to assist with the application process for assistance through such State loan funds;

“(D) practices to ensure that amounts in such State loan funds are used to provide loans, loan guarantees, or other authorized assistance in a timely fashion;

“(E) practices that support effective management of such State loan funds;

“(F) practices and tools to enhance financial management of such State loan funds; and

“(G) key financial measures for use in evaluating State loan fund operations, including—

“(i) measures of lending capacity, such as current assets and current liabilities or undisbursed loan assistance liability; and

“(ii) measures of growth or sustainability, such as return on net interest;

“(2) not later than 3 years after the date of enactment of the Drinking Water System Improvement Act of 2017, disseminate to the States best practices for administration of such State loan funds, based on the information collected pursuant to this subsection; and

“(3) periodically update such best practices, as appropriate.”.

SEC. 11. AUTHORIZATION FOR SOURCE WATER PETITION PROGRAMS.

Section 1454(e) of the Safe Drinking Water Act (42 U.S.C. 300j–14(e)) is amended by striking “1997 through 2003” and inserting “2018 through 2022”.

SEC. 12. REVIEW OF TECHNOLOGIES.

Part E of the Safe Drinking Water Act (42 U.S.C. 300j et seq.) is amended by adding at the end the following new section:

“SEC. 1459C. REVIEW OF TECHNOLOGIES.

“(a) **REVIEW.**—The Administrator, after consultation with appropriate departments and agencies of the Federal Government and with State and local governments, shall review (or enter into contracts or cooperative agreements to provide for a review of) existing and potential methods, means, equipment, and technologies (including review of cost, availability, and efficacy of such methods, means, equipment, and technologies) that—

“(1) ensure the physical integrity of community water systems;

“(2) prevent, detect, and respond to any contaminant for which a national primary drinking water regulation has been promulgated in community water systems and source water for community water systems;

“(3) allow for use of alternate drinking water supplies from nontraditional sources; and

“(4) facilitate source water assessment and protection.

“(b) **INCLUSIONS.**—The review under subsection (a) shall include review of methods, means, equipment, and technologies—

“(1) that are used for corrosion protection, metering, leak detection, or protection against water loss;

“(2) that are intelligent systems, including hardware, software, or other technology, used to assist in protection and detection described in paragraph (1);

“(3) that are point-of-use devices or point-of-entry devices;

“(4) that are physical or electronic systems that monitor, or assist in monitoring, contaminants in drinking water in real-time; and

“(5) that allow for the use of nontraditional sources for drinking water, including physical separation and chemical and biological transformation technologies.

“(c) **AVAILABILITY.**—The Administrator shall make the results of the review under subsection (a) available to the public.

“(d) **AUTHORIZATION OF APPROPRIATIONS.**—There are authorized to be appropriated to the Administrator to carry out this section \$10,000,000 for fiscal year 2018, which shall remain available until expended.”.

SEC. 13. DRINKING WATER FOUNTAIN REPLACEMENT FOR SCHOOLS.

(a) **IN GENERAL.**—Part F of the Safe Drinking Water Act (42 U.S.C. 300j–21 et seq.) is amended by adding at the end the following:

“SEC. 1465. DRINKING WATER FOUNTAIN REPLACEMENT FOR SCHOOLS.

“(a) **ESTABLISHMENT.**—Not later than 1 year after the date of enactment of this section, the Administrator shall establish a grant program to provide assistance to local educational agencies for the replacement of drinking water fountains manufactured prior to 1988.

“(b) **USE OF FUNDS.**—Funds awarded under the grant program—

“(1) shall be used to pay the costs of replacement of drinking water fountains in schools; and

“(2) may be used to pay the costs of monitoring and reporting of lead levels in the drinking water of schools of a local educational agency receiving such funds, as determined appropriate by the Administrator.

“(c) **PRIORITY.**—In awarding funds under the grant program, the Administrator shall give priority to local educational agencies based on economic need.

“(d) **AUTHORIZATION OF APPROPRIATIONS.**—There are authorized to be appropriated to carry out this section not more than \$5,000,000 for each of fiscal years 2018 through 2022.”.

(b) **DEFINITIONS.**—Section 1461(5) of the Safe Drinking Water Act (42 U.S.C. 300j–21(5)) is amended by inserting “or drinking water fountain” after “water cooler” each place it appears.

SEC. 14. SOURCE WATER.

(a) **ADDRESSING SOURCE WATER USED FOR DRINKING WATER.**—Section 304 of the Emergency Planning and Community Right-To-Know Act of 1986 (42 U.S.C. 11004) is amended—

(1) in subsection (b)(1), by striking “State emergency planning commission” and inserting “State emergency response commission”; and

(2) by adding at the end the following new subsection:

“(e) **ADDRESSING SOURCE WATER USED FOR DRINKING WATER.**—

"(1) APPLICABLE STATE AGENCY NOTIFICATION.—A State emergency response commission shall—

"(A) promptly notify the applicable State agency of any release that requires notice under subsection (a);

"(B) provide to the applicable State agency the information identified in subsection (b)(2); and

"(C) provide to the applicable State agency a written followup emergency notice in accordance with subsection (c).

"(2) COMMUNITY WATER SYSTEM NOTIFICATION.—

"(A) IN GENERAL.—An applicable State agency receiving notice of a release under paragraph (1) shall—

"(i) promptly forward such notice to any community water system the source waters of which are affected by the release;

"(ii) forward to the community water system the information provided under paragraph (1)(B); and

"(iii) forward to the community water system the written followup emergency notice provided under paragraph (1)(C).

"(B) DIRECT NOTIFICATION.—In the case of a State that does not have an applicable State agency, the State emergency response commission shall provide the notices and information described in paragraph (1) directly to any community water system the source waters of which are affected by a release that requires notice under subsection (a).

"(3) DEFINITIONS.—In this subsection:

"(A) COMMUNITY WATER SYSTEM.—The term 'community water system' has the meaning given such term in section 1401(15) of the Safe Drinking Water Act.

"(B) APPLICABLE STATE AGENCY.—The term 'applicable State agency' means the State agency that has primary responsibility to enforce the requirements of the Safe Drinking Water Act in the State."

(b) AVAILABILITY TO COMMUNITY WATER SYSTEMS.—Section 312(e) of the Emergency Planning and Community Right-To-Know Act of 1986 (42 U.S.C. 11022(e)) is amended—

(1) in paragraph (1), by striking "State emergency planning commission" and inserting "State emergency response commission"; and

(2) by adding at the end the following new paragraph:

"(4) AVAILABILITY TO COMMUNITY WATER SYSTEMS.—

"(A) IN GENERAL.—An affected community water system may have access to tier II information by submitting a request to the State emergency response commission or the local emergency planning committee. Upon receipt of a request for tier II information, the State commission or local committee shall, pursuant to paragraph (1), request the facility owner or operator for the tier II information and make available such information to the affected community water system.

"(B) DEFINITION.—In this paragraph, the term 'affected community water system' means a community water system (as defined in section 1401(15) of the Safe Drinking Water Act) that receives supplies of drinking water from a source water area, delineated under section 1453 of the Safe Drinking Water Act, in which a facility that is required to prepare and submit an inventory form under subsection (a)(1) is located."

SEC. 15. REPORT ON FEDERAL CROSS-CUTTING REQUIREMENTS.

(a) REPORT.—Not later than one year after the date of enactment of this Act, the Comptroller General shall submit to Congress a report containing the results of a study, to be conducted in consultation with the Administrator of the Environmental Protection Agency, any State agency that has primary responsibility to enforce the requirements of the Safe Drinking Water Act (42 U.S.C. 300f et seq.) in a State, and public water systems, to identify demonstrations of compliance with a State or local environmental law that may be substantially equivalent to any demonstration required by the Administrator for compliance with a Federal cross-cutting requirement.

(b) DEFINITIONS.—In this subsection:

(1) FEDERAL CROSS-CUTTING REQUIREMENT.—The term "Federal cross-cutting requirement" means a requirement of a Federal law or regulation, compliance with which is a condition on receipt of a loan or loan guarantee pursuant to section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12), that, if applied with respect to projects and activities for which a public water system receives such a loan or loan guarantee, would be substantially equivalent to a requirement of an applicable State or local law.

(2) PUBLIC WATER SYSTEM.—The term “public water system” has the meaning given that term in section 1401 of the Safe Drinking Water Act (42 U.S.C. 300f).

PURPOSE AND SUMMARY

The purpose of the bill is to amend the Safe Drinking Water Act to improve public water systems and enhance compliance with such Act.

BACKGROUND AND NEED FOR LEGISLATION

The United States uses 42 billion gallons of water a day—treated to meet Federal drinking water standards—to support a variety of needs.¹ According to the Congressional Research Service (CRS), more than 299 million Americans are served by more than 51,300 community water systems (CWSs). Most community water systems (82 percent of all CWSs) are relatively small, serving 3,300 people or fewer; but these systems provide water to just 9 percent of the total population served by community water systems. In contrast, 8 percent of all CWSs serve 82 percent of the population served.²

Treated drinking water is delivered across the United States, via one million miles of pipes, by privately and publicly owned water systems. Many of these pipes were laid in the early to mid-20th century and have a lifespan of 75 to 100 years.³ While the American Society of Civil Engineers (ASCE) reports the quality of drinking water in the United States remains high, ASCE and others also spotlight concerns directly related to water system integrity, efficiency, and affordability. Specifically, they point to an estimated 240,000 water main breaks per year in the United States that waste over two trillion gallons of treated drinking water. These leaks waste 14 to 18 percent of treated water per day—an amount that could support 15 million households.⁴

In April 2013, the Environmental Protection Agency (EPA) published its most recent survey of capital improvement needs for drinking water infrastructure. That survey indicated that water systems need to invest \$384.2 billion on infrastructure improvements over 20 years (from 2011 to 2030) to ensure the provision of safe tap water.⁵ EPA also reported that \$42.0 billion (10.9 percent) of reported drinking water system needs are attributable to Safe Drinking Water Act (SDWA) compliance. The remaining 89.1 percent of EPA-identified needs are for projects that are not regulatory, but are needed to meet the Act’s health protection objectives. A study by the American Water Works Association (AWWA) projects that restoring infrastructure and expanding water systems to keep up with population growth would require a nationwide investment of at least \$1 trillion through 2035.⁶

The Congressional Budget Office reports that, in 2014, the Federal share of total public spending on water and wastewater utili-

¹ <http://www.infrastructurereportcard.org/wp-content/uploads/2017/01/Drinking-Water-Final.pdf>

² <http://www.crs.gov/Reports/RL31243?source=search&guid=c987b8c3502d477b8842999a6ea62e7a&index=10>

³ American Water Works Association, *Buried No Longer: Confronting American’s Water Infrastructure Challenge*, 2012, <http://www.awwa.org/legislation-regulation/issues/infrastructure-financing.aspx>.

⁴ Op. Cit.

⁵ <https://www.epa.gov/sites/production/files/2015-07/documents/epa816r13006.pdf>

⁶ http://www.crs.gov/Reports/RS22037?source=search&guid=923f50f6c1274772996da7f8f1a3551b&index=6#_Toc466362844

ties was 4 percent, while State and local government expenditures accounted for 94 percent of all public spending on this infrastructure.⁷

User fees, primarily in the form of water utility rates, typically generate funds for daily operation and maintenance and long-term capital investments for drinking water and wastewater systems. Both the EPA and the United Nation's Development Program recommend affordability thresholds for water and wastewater services of 2.5 percent and 3 percent, respectively, of median household income.⁸ The average price of treating and distributing water in the United States is about \$1.50 for 1,000 gallons—at that price, a gallon of water costs less than one penny.⁹ While the AWWA estimates that drinking water rates, annualized from 2004 to 2014, have increased 5.5 percent, AWWA also shows that water rates have dropped three percent between 2012 and 2014.¹⁰

However, an ongoing problem for local water systems is how to finance major projects—increasing rates, borrowing on the private market, seeking Federal or State assistance, or some combination of these.

SAFE DRINKING WATER ACT

The Safe Drinking Water Act (SDWA) not only contains Federal authority for regulating contaminants in drinking water delivery systems, it also includes the Drinking Water State Revolving Fund (DWSRF) program.¹¹ The DWSRF was created by Congress in the 1996 SDWA Amendments to provide financing for infrastructure improvements at drinking water systems. Congress envisioned a program operating in perpetuity from which the principal and interest payments on old loans would be used to issue new loans, and from which a portion of each State's allotment could be set aside for State drinking water agencies to provide regulatory oversight and direct assistance to water systems.¹²

Specifically, the DWSRF program permits EPA to make grants to States to capitalize DWSRFs, which States may then use to make low-interest loans to public water systems (PWSs) for activities EPA determines facilitate compliance or significantly further the SDWA's health protection objectives. States must match 20 percent of the Federal grant. Grants are allotted based on the results of needs surveys issued quadrennially by EPA. Each State and the District of Columbia must receive at least 1 percent of the appropriated funds.¹³

In addition, States must make available 15 percent of their annual DWSRF allotment for loan assistance to systems that serve 10,000 or fewer persons to the extent that there are systems of that size within a State applying for funding of qualifying activities. States may also use up to 30 percent of their DWSRF grant to pro-

⁷ Congressional Budget Office, *Public Spending on Transportation and Water Infrastructure, 1956 to 2014*, March 2015, p. 28.

⁸ <http://www2.pacinst.org/wp-content/uploads/2013/01/water-rates-affordability.pdf>

⁹ https://www.fcwa.org/story_of_water/html/costs.htm

¹⁰ <https://www.awwa.org/resources-tools/water-and-wastewater-utility-management/water-wastewater-rates.aspx>

¹¹ SDWA §1412 and §1452

¹² <http://www.asdwa.org/document/docWindow.cfm?fuseaction=document.viewDocument&documentid=2683&documentFormatId=3404>

¹³ http://www.crs.gov/Reports/RL31243?source=search&guid=c987b8c3502d477b8842999a6ea62e7a&index=10#_Toc476131535.

vide loan subsidies (including forgiveness of principal) to help economically disadvantaged communities. Finally, States may also use up to 4 percent of funds for technical assistance, source water protection and capacity development programs, and operator certification.¹⁴

When last reauthorized in 1996, SDWA authorized appropriations of \$599 million for fiscal year 1994 and \$1 billion per year for fiscal year 1995 through fiscal year 2003 for DWSRF capitalization grants. Of those amounts, EPA was either directed or given the ability to reserve, from annual DWSRF appropriations, 0.33 percent for financial assistance to territories and 1.5 percent for Indian tribes and Alaska Native Villages, \$10 million for health effects research on drinking water contaminants, \$2 million for the costs of monitoring for unregulated contaminants, and up to 2 percent for technical assistance. Between fiscal year 1997 and fiscal year 2016, Congress appropriated over \$20 billion, and more than 12,400 projects received assistance through the program.¹⁵

The Water Infrastructure Improvements for the Nation Act (WIIN Act, section 322 of P.L. 114–322) made several amendments to the DWSRF provisions. Among other changes, the amendments increased the portion of the annual DWSRF capitalization grants that States may use to cover program administration costs and authorized \$300 million over five years for lead pipe replacement and \$300 million over five years for aid to disadvantaged and underserved communities.¹⁶ Further, the WIIN Act amended SDWA to require, with some exceptions, that funds made available from a State DWSRF during fiscal year 2017 may not be used for water system projects unless all iron and steel products to be used in the project are produced in the United States.

WATER INFRASTRUCTURE FINANCE AND INNOVATION ACT

According to CRS, a chronic concern is the need for communities to address drinking water infrastructure requirements that are outside the scope of the DWSRF program since they are unrelated to SDWA compliance.¹⁷ These categories include future growth, ongoing rehabilitation, and operation and maintenance of systems. EPA has reported that outdated and deteriorated drinking water infrastructure poses a fundamental long-term threat to drinking water safety and that, in many communities, basic infrastructure costs can far exceed SDWA compliance costs. As reported in EPA's most recent drinking water needs assessment, less than 11 percent of the 20-year estimated need is directly related to compliance with SDWA regulations.¹⁸

Congress enacted the Water Infrastructure Finance and Innovation Act (WIFIA) in June 2014,¹⁹ which authorized a pilot loan guarantee program to test the ability of innovative financing tools to promote increased development of, and private investment in, water infrastructure projects while reducing costs to the Federal government. The pilot program is intended to complement, and not

¹⁴ SDWA 1452(g).

¹⁵ *Id.*

¹⁶ WIIN 2102–2105.

¹⁷ *Op. Cit.*

¹⁸ *Op. Cit.*

¹⁹ (P.L. 113–121, H.R. 3080) includes in Title V, Subtitle C

replace, the clean water and drinking water SRF programs. The Act authorized \$20 million each for fiscal year 2015 and \$25 million each for fiscal year 2016 to the Secretary of the Interior and the EPA Administrator, with amounts increasing annually to \$50 million each for fiscal year 2019.

Eligible projects include clean water and drinking water SRF-eligible projects and a wide range of water resource development projects that must generally have costs of at least \$20.0 million. Such large projects face difficulty securing significant funding through the SRF programs. Moreover, unlike the SRF programs, WIFIA is not focused on regulatory compliance and, therefore, may be more available for other large-scale water infrastructure projects. For projects serving areas with a population of 25,000 or fewer individuals, eligible projects must have a total cost of at least \$5 million.

Congress appropriated \$20 million in funds for the program in fiscal year 2017. It is estimated that using WIFIA's full financial leveraging ability that a single dollar injected into the program can create \$50 dollars for project lending.²⁰ Under current appropriations, EPA estimates that current budget authority may provide more than \$1 billion in credit assistance and may finance over \$2 billion in water infrastructure investment.²¹

CLEAN WATER ACT SRF

Congress provided States flexibility in setting priorities between the DWSRF and the Clean Water Act SRF (CWSRF) programs to accommodate the divergent drinking water and wastewater needs and priorities among the States. Section 302(a) of the 1996 SDWA Amendments authorized States to transfer as much as 33 percent of the annual DWSRF allotment to the CWSRF or an equivalent amount from the CWSRF to the DWSRF. The Act authorized these transfers through fiscal year 2001. In 2000, EPA recommended that Congress continue to authorize transfers between the SRF programs to give States flexibility to address their most pressing water infrastructure needs.²² Several annual appropriations acts authorized States to continue to transfer as much as 33 percent of funds between the two programs, and in the Department of Interior and Related Agencies Appropriations Act, FY 2006, Congress made this authority permanent.²³

COMMITTEE ACTION

On May 19, 2017, the Subcommittee on the Environment held a hearing on a Discussion Draft, entitled "Drinking Water System Improvement Act." The Subcommittee received testimony from:

- Lisa Daniels, Director, Bureau of Safe Drinking Water, Pennsylvania Department of Environmental Protection, on behalf of the Association of State Drinking Water Administrators;

²⁰ <http://www.infrastructure.reportcard.org/wp-content/uploads/2017/01/Drinking-Water-Final.pdf>

²¹ *Id.*

²² <http://www.crs.gov/Reports/RS22037?source=search&guid=923f50f6c1274772996da7f8f1a3551b&index=6#fn2>.

²³ The Department of the Interior, Environment, and Related Agencies Appropriations Act, 2006, P.L. 109-54, Title II, August 2, 2005, 119 Stat. 530, provided: "That for fiscal year 2006 and thereafter, State authority under section 302(a) of P.L. 104-182 shall remain in effect."

- Steve Fletcher, Manager, Washington County Water Company, Nashville, IL, on behalf of the National Rural Water Association;
- Martin Kropelnicki, President and CEO, California Water Service Group, on behalf of the National Association of Water Companies;
- Scott Potter, Director, Nashville Metro Water Services, Nashville, TN, on behalf of the Association of Metropolitan Water Agencies;
- James Proctor, Senior Vice President and General Counsel, McWane, Inc.;
- Lynn Thorp, National Campaigns Director, Clean Water Action; and
- Kurt Vause, Special Projects Director, Anchorage Water and Wastewater Utility, on behalf of the American Water Works Association.

On March 16, 2017, the Subcommittee on the Environment held a hearing entitled, “Reinvestment and Rehabilitation of Our Nation’s Drinking Water Delivery Systems.” The Subcommittee received testimony from:

- Rudolph Chow, P.E., Director, Baltimore City Department of Public Works, on behalf of the American Municipal Water Association;
- Greg DiLoreto, Chairman, Committee for America’s Infrastructure, American Society of Civil Engineers;
- John Donahue, CEO, North Park Public Water District (Machesney Park, IL), on behalf of the American Water Works Association;
- Randy Ellingboe, Minnesota Department of Health, on behalf of the Association of State Drinking Water Administrators;
- Martin A. Kropelnicki, President and CEO, California Water Service Group, on behalf of the National Association of Water Companies; and
- Erik Olson, Director, Health and Environment Program, Natural Resources Defense Council.

On July 13, 2017, the Subcommittee on the Environment met in open markup session and forwarded the Discussion Draft, entitled “Drinking Water System Improvement Act,” as amended, to the full Committee by a voice vote. On July 25, 2017, the Drinking Water System Improvement Act of 2017 was introduced in the House as H.R. 3387. On July 27, 2017, the full Committee on Energy and Commerce met in open markup session and ordered H.R. 3387, as amended, favorably reported to the House by a voice vote.

COMMITTEE VOTES

Clause 3(b) of rule XIII requires the Committee to list the record votes on the motion to report legislation and amendments thereto. There were no record votes taken in connection with ordering H.R. 3387 reported.

OVERSIGHT FINDINGS AND RECOMMENDATIONS

Pursuant to clause 2(b)(1) of rule X and clause 3(c)(1) of rule XIII, the Committee held hearings and made findings that are reflected in this report.

NEW BUDGET AUTHORITY, ENTITLEMENT AUTHORITY, AND TAX
EXPENDITURES

Pursuant to clause 3(c)(2) of rule XIII, the Committee finds that H.R. 3387 would result in no new or increased budget authority, entitlement authority, or tax expenditures or revenues.

CONGRESSIONAL BUDGET OFFICE ESTIMATE

Pursuant to clause 3(c)(3) of rule XIII, the following is the cost estimate provided by the Congressional Budget Office pursuant to section 402 of the Congressional Budget Act of 1974:

U.S. CONGRESS,
CONGRESSIONAL BUDGET OFFICE,
Washington, DC, September 22, 2017.

HON. GREG WALDEN,
*Chairman, Committee on Energy and Commerce,
House of Representatives, Washington, DC.*

DEAR MR. CHAIRMAN: The Congressional Budget Office has prepared the enclosed cost estimate for H.R. 3387, the Drinking Water System Improvement Act of 2017.

If you wish further details on this estimate, we will be pleased to provide them. The CBO staff contact is Jon Sperl.

Sincerely,

KEITH HALL,
Director.

Enclosure.

H.R. 3387—Drinking Water System Improvement Act of 2017

Summary: H.R. 3387 would authorize the appropriation of about \$9 billion for the Environmental Protection Agency (EPA) to provide grants to public water systems, as well as to state, local, and tribal governments, to support drinking water infrastructure projects and to promote compliance with regulations that implement the Safe Drinking Water Act (SDWA).

CBO estimates that implementing this legislation would cost about \$6 billion over the next five years and an additional \$3 billion after 2022, assuming appropriation of the authorized amounts.

The staff of the Joint Committee on Taxation (JCT) estimates that enacting the bill would reduce revenues by \$572 million over the next 10 years. Because enacting the bill would reduce revenues, pay-as-you-go procedures apply. Enacting the bill would not affect direct spending.

CBO estimates that enacting H.R. 3387 would not increase net direct spending or on-budget deficits by more than \$5 billion in any of the four consecutive 10-year periods beginning in 2028.

H.R. 3387 would impose intergovernmental and private-sector mandates as defined in the Unfunded Mandates Reform Act (UMRA) on public and private owners and operators of public water systems that are regulated by the SDWA, and on other state and local government entities. Based on information provided by the EPA, public water systems, and state and local agencies, CBO estimates that the total cost of complying with the mandates would fall below the annual thresholds for intergovernmental and private-

sector mandates established in UMRA (\$78 million and \$156 million in 2017, respectively, adjusted annually for inflation).

Estimated cost to the Federal Government: The estimated budgetary effects of the bill are summarized in Table 1. The costs of this legislation fall within budget function 300 (natural resources and environment).

TABLE 1.—ESTIMATED BUDGETARY EFFECTS OF HR. 3387

	By fiscal year, in millions of dollars—												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2017– 2022	2017– 2027
INCREASES IN SPENDING SUBJECT TO APPROPRIATION													
Estimated Authorization Level	0	1,420	1,610	1,824	2,023	2,222	17	17	17	17	17	9,100	9,186
Estimated Outlays	0	263	805	1,408	1,735	1,923	1,760	1,022	219	24	24	6,135	9,185
DECREASES IN REVENUES													
Estimated Revenues	0	*	¥ 3	¥ 10	¥ 25	¥ 46	¥ 72	¥ 95	¥ 106	¥ 108	¥ 107	¥ 84	¥ 572

Sources: CBO and the staff of the Joint Committee on Taxation.

Note: * = between zero and ¥ 500,000. Details may not sum to totals because of rounding.

Basis of estimate: For this estimate, CBO assumes that the bill will be enacted near the beginning of fiscal year 2018, that the full amounts authorized or estimated to be necessary will be appropriated for each year, and that outlays will follow historical patterns of spending for existing and similar programs.

Spending subject to appropriation

H.R. 3387 would authorize appropriations totaling about \$9.1 billion over the 2018–2022 period for the EPA to administer different grant programs that support drinking water infrastructure and help public water systems comply with regulations under the Safe Drinking Water Act (see Table 2).

TABLE 2.—AMOUNTS AUTHORIZED TO BE APPROPRIATED FOR EPA PROGRAMS UNDER HR. 3387

	By fiscal year, in millions of dollars—												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2017– 2022	2017– 2027
Drinking Water SFF Grants:													
Authorization Level	0	1,200	1,400	1,600	1,800	2,000	0	0	0	0	0	8,000	8,000
Estimated Outlays	0	120	620	1,200	1,500	1,700	1,680	960	200	0	0	5,140	8,000
Public Water System Supervision Program:													
Authorization Level	0	150	150	150	150	150	0	0	0	0	0	750	750
Estimated Outlays	0	135	150	150	150	150	15	0	0	0	0	735	750
Drinking Water Risk and Resilience Grant Program:													
Authorization Level	0	35	35	35	35	35	0	0	0	0	0	175	175
Estimated Outlays	0	0	11	25	35	35	35	25	11	0	0	105	175
Source Water Protection Programs:													
Authorization Level	0	5	5	5	5	5	0	0	0	0	0	25	25
Estimated Outlays	0	0	2	4	5	5	5	4	2	0	0	15	25
Drinking Water Fountain Replacement Grants:													
Authorization Level	0	5	5	5	5	5	0	0	0	0	0	25	25
Estimated Outlays	0	0	2	4	5	5	5	4	2	0	0	15	25
Reauthorize Monitoring for Unregulated Contaminants:													
Authorization Level	0	10	10	10	10	10	0	0	0	0	0	50	50
Estimated Outlays	0	2	15	15	13	5	0	0	0	0	0	50	50
Expand Monitoring for Unregulated Contaminants:													
Authorization Level	0	0	0	15	15	15	15	15	15	15	15	45	120
Estimated Outlays	0	0	0	4	21	21	18	8	4	21	21	45	120
Technology Review:													
Authorization Level	0	10	0	0	0	0	0	0	0	0	0	10	10
Estimated Outlays	0	1	1	4	4	0	0	0	0	0	0	10	10
Other Activities:													
Estimated Authorization Level	0	5	5	4	3	2	2	2	2	2	2	20	31
Estimated Outlays	0	5	5	4	3	2	2	2	2	2	2	20	31
Total Changes:													
Estimated Authorization Level	0	1,420	1,610	1,824	2,023	2,222	17	17	17	17	17	9,100	9,186
Estimated Outlays	0	263	805	1,408	1,735	1,923	1,760	1,022	219	24	24	6,135	9,185

Note: Details may not sum to totals because of rounding. SFF = State Revolving Fund.

The bill would authorize the appropriation of \$8 billion over the next five years for the EPA to provide capitalization grants for the Drinking Water State Revolving Fund (DWSRF) programs. States use such grants, along with their own funds, to make low-interest loans to communities to build or improve drinking water facilities and infrastructure, and for other projects that improve the quality of drinking water. In addition to reauthorizing federal funding for states' DWSRF programs, the bill also would make several revisions to those programs, including allowing states to direct a greater percentage of funds to disadvantaged communities, extending the repayment terms for loans made by states, and requiring recipients of loans to certify that proposed projects meet certain cost-effectiveness criteria.

H.R. 3387 also would authorize the appropriation of about \$1 billion over the next five years for the EPA to implement several other grant programs. Specifically, the bill would authorize the appropriation of:

- \$750 million for state and tribal agencies to implement programs that enforce compliance with drinking water regulations under the SDWA and provide technical assistance to public water systems;
- \$175 million for grants to public water systems to implement projects that mitigate risks to drinking water from natural hazards and security threats;
- \$25 million to states to implement partnership programs with public water systems that petition the states for assistance in complying with drinking water regulations;
- \$25 million for local educational agencies to pay the costs of replacing drinking water fountains in schools and monitoring for lead contamination;
- \$50 million for the EPA to continue funding the laboratory analysis costs of monitoring for unregulated contaminants in drinking water systems;
- Daniels, Dirthe number of small systems that monitor for unregulated contaminants; and
- \$10 million in 2018 for the EPA to conduct a comprehensive review of technologies, equipment, and methods that effectively detect and prevent contamination of public drinking water systems.

CBO estimates that the cost to implement the remaining requirements in the bill, (for which the legislation does not specify an authorization level,) would total about \$20 million over the next five years, assuming appropriation of the necessary amounts. That funding would be used for various purposes, including providing technical assistance to state agencies, developing guidance and updating tools for risk assessments, conducting a national inventory of any pipes or fittings that are used to connect buildings with the drinking water main supply pipes and are not lead free, and reporting on how water systems can more easily comply with cross-cutting federal, state, and local requirements.

Revenues

H.R. 3387 would authorize the appropriation of \$8 billion over the 2018–2022 period for the EPA to make grants to capitalize state revolving loan funds, from which states make loans to finance

drinking water infrastructure projects. JCT expects that states would use a portion of those grants to leverage additional funds by issuing tax-exempt bonds. JCT estimates that issuing additional tax-exempt bonds would reduce federal revenues by \$572 million over the next 10 years.

Pay-As-You-Go Considerations: The Statutory Pay-As-You-Go Act of 2010 establishes budget-reporting and enforcement procedures for legislation affecting direct spending or revenues. The net changes in revenues that are subject to those pay-as-you-go procedures are shown in the following table.

CBO ESTIMATE OF PAY-AS-YOU-GO EFFECTS FOR H.R. 3387, AS ORDERED REPORTED BY THE
HOUSE COMMITTEE ON ENERGY AND COMMERCE ON JULY 27, 2017

	By fiscal year, in millions of dollars—												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2017– 2022	2017– 2027
	NET INCREASE IN THE DEFICIT												
Statutory Pay-As- You-Go Impact	0	0	3	10	25	46	72	95	106	108	107	84	572

Increase in long-term direct spending and deficits: CBO estimates that enacting the legislation would not increase net direct spending or on-budget deficits by more than \$5 billion in any of the four consecutive 10-year periods beginning in 2028.

Intergovernmental and private-sector impact: H.R. 3387 would impose intergovernmental and private-sector mandates as defined in UMRA on public and private owners and operators of public water systems that are regulated by the Safe Drinking Water Act. The bill also would impose intergovernmental mandates on state emergency response commissions (SERCs), local emergency planning committees, and state water agencies that are responsible for notifying the public in the event of a release of hazardous chemicals that affects drinking water. Based on information provided by the EPA, public water systems, and state and local agencies, CBO estimates that the total costs of complying with the mandates would range from \$14 million to \$36 million per year over the 2018–2022 period for water systems owned by public entities; for water systems owned by private entities, CBO estimates the total costs to comply with the mandates would range from \$3 million to \$6 million per year over that period. Therefore, CBO estimates that the costs of the mandates would fall below the annual thresholds for intergovernmental and private-sector mandates established in UMRA (\$78 million and \$156 million in 2017, respectively, adjusted annually for inflation).

Mandates that apply to both public and private entities

The bill would impose several mandates on owners and operators of public water systems that are regulated by the Safe Drinking Water Act. Public water systems may be publicly or privately owned. Systems owned by local governments serve the majority of the U.S. population, while many smaller systems are owned by private entities. The bill would require public water systems that serve populations larger than 10,000 to send consumer confidence reports to their customers twice per year; under current law, those systems must send reports once per year. In addition, the bill

would require all public water systems to include information in consumer confidence reports about actions taken to control corrosion in pipes. While an increasing number of systems send such reports electronically at low cost, the requirement would increase costs for systems that still send reports by mail. Based on information from public water systems and state water agencies about the costs of complying with current requirements, CBO estimates that public water systems would spend about \$14 million per year to comply with these requirements.

The bill would require public water systems that serve populations larger than 3,300 to conduct assessments of the risks posed to their systems by security threats and natural hazards and to prepare response plans. The bill would require those systems to certify to the EPA that they have conducted such assessments once every five years. Alternatively, systems could satisfy those requirements by certifying to the EPA that they are following consensus technical standards developed by the water industry and recognized by the EPA. Risk assessments are increasingly common in the water industry, and CBO expects that many systems, especially those that serve major populations, would already be in compliance because they follow industry standards; additional costs to them resulting from the mandate would be small. However, CBO expects that other systems, particularly those that are smaller in size, would need to conduct risk assessments and prepare response plans at varying costs, depending on their size and complexity. Based on information from the EPA and the American Water Works Association, CBO estimates that systems would spend an additional \$25 million to comply with those requirements. That estimate is based on the expectation that many smaller systems would comply by conducting assessments at low cost using free assessment tools, while larger systems would undertake much more expensive and comprehensive analyses ranging into the hundreds of thousands of dollars.

The bill would impose a mandate by requiring the EPA to expand the number of small public water systems (those serving fewer than 10,000 people) that must monitor drinking water for unregulated contaminants. The EPA would select a representative sample of those systems to conduct monitoring. The bill would authorize the appropriation of \$15 million per year to cover the costs of laboratory analysis of samples. However, systems would incur costs to collect samples and to train staff. Based on information from public water systems and state water agencies about the costs of sample collection under current requirements, CBO estimates that systems selected for monitoring would spend, in the aggregate, \$2 million to \$3 million each year to comply with those requirements.

Mandates on public entities

The bill would require SERCs and local emergency planning committees to notify state water agencies whenever there is a release of hazardous chemicals into water bodies used for drinking water and also would require water agencies to in turn notify public water systems in the affected area. Additionally, the bill would require SERCs and local emergency planning committees to provide information about chemicals stored at specific facilities whenever

local public water systems request that information. Because it is already common practice for SERCs and local emergency committees to conduct such activities, CBO estimates that the costs of compliance would be small.

Other effects on public entities

Under the bill, state and tribal agencies that have chosen to implement the Safe Drinking Water Act would likely incur additional costs to provide financial and technical assistance to public water systems that are subject to federal regulations under that act. Specifically, state and tribal water agencies would work with public water systems to meet requirements under the bill relating to consumer confidence reports, risk assessments, and monitoring for unregulated contaminants. Costs incurred by those agencies, however, would result from participation in a voluntary federal program.

The bill also includes a provision that would provide state and tribal governments with the authority to compel public water systems that are out-of-compliance with federal drinking water standards to undergo consolidation with another system, or to transfer ownership. In cases where the targeted systems are unable to meet federal drinking water standards, and are either financially unable or unwilling to take actions that would result in compliance, states and tribes with primary enforcement responsibility for the SDWA could require the owner or operator of such a system to assess options for consolidation or transfer and then carry out those actions if doing so is economically feasible and likely to result in greater compliance with federal standards. CBO expects that state and tribal agencies would generally use the authority selectively to focus on systems that have serious violations of drinking water standards; however, use of this authority could result in significant costs for some water systems, depending on how the authority is exercised, and the size and complexity of the systems affected. Because state and tribal water agencies would exercise the authority at their discretion, any costs incurred by affected water systems would not stem from a federal intergovernmental mandate under UMRA. Based on evidence from consolidation efforts in California and other states, CBO expects that many state and tribal agencies would provide financial assistance to cover necessary interconnection, improvement, and administrative costs for systems required to undergo consolidation or transfer. The bill also would authorize states and tribes to use federal funds provided through the DWSRF programs to cover the costs of consolidations and transfers.

Finally, the bill would benefit public water systems, as well as state, local, and tribal agencies that implement federal drinking water regulations, by authorizing federal financial and technical assistance for several drinking water grant programs. Public water systems would benefit from loans provided by state agencies for drinking water infrastructure projects. The bill would authorize the appropriation of \$8 billion over the 2018–2022 period for the EPA to provide capitalization grants to DWSRFs to finance those loans. Any costs public entities might incur relating to grant and loan programs, including matching contributions, would result from conditions of federal assistance.

Estimate prepared by: Federal spending: Jon Sperl; Federal revenues: Staff of the Joint Committee on Taxation; Impact on state,

local, and tribal governments: Jon Sperl; Impact on the private sector: Amy Petz.

Estimate approved by: H. Samuel Papenfuss, Deputy Assistant Director for Budget Analysis.

FEDERAL MANDATES STATEMENT

The Committee adopts as its own the estimate of Federal mandates prepared by the Director of the Congressional Budget Office pursuant to section 423 of the Unfunded Mandates Reform Act.

STATEMENT OF GENERAL PERFORMANCE GOALS AND OBJECTIVES

Pursuant to clause 3(c)(4) of rule XIII, the general performance goal or objective of this legislation is to amend the Safe Drinking Water Act to improve public water systems and enhance compliance with such Act.

DUPLICATION OF FEDERAL PROGRAMS

Pursuant to clause 3(c)(5) of rule XIII, no provision of H.R. 3387 is known to be duplicative of another Federal program, including any program that was included in a report to Congress pursuant to section 21 of Public Law 111-139 or the most recent Catalog of Federal Domestic Assistance.

COMMITTEE COST ESTIMATE

Pursuant to clause 3(d)(1) of rule XIII, the Committee adopts as its own the cost estimate prepared by the Director of the Congressional Budget Office pursuant to section 402 of the Congressional Budget Act of 1974. At the time this report was filed, the estimate was not available.

earmark, LIMITED TAX BENEFITS, AND LIMITED TARIFF BENEFITS

Pursuant to clause 9(e), 9(f), and 9(g) of rule XXI, the Committee finds that H.R. 3387 contains no earmarks, limited tax benefits, or limited tariff benefits.

DISCLOSURE OF DIRECTED RULE MAKINGS

Pursuant to section 3(i) of H. Res. 5, the following directed rule makings are contained in H.R. 3387:

- In section 2: Revision of regulations affecting consumer confidence reports under the amendment to SDWA section 1414(c)(4).
- In section 4: Promulgation of regulations implementing water system consolidation mandates under the amendment to SDWA section 1414(h).

ADVISORY COMMITTEE STATEMENT

No advisory committees within the meaning of section 5(b) of the Federal Advisory Committee Act were created by this legislation.

APPLICABILITY TO LEGISLATIVE BRANCH

The Committee finds that the legislation does not relate to the terms and conditions of employment or access to public services or

accommodations within the meaning of section 102(b)(3) of the Congressional Accountability Act.

SECTION BY-SECTION ANALYSIS OF THE LEGISLATION

Section 1. Short title

Section 1 establishes the short title of the legislation as “the Drinking Water System Improvement Act of 2017”.

Section 2. Improved Consumer Confidence Reports

Section 2 amends SDWA section 1414(c)(4) to institute certain changes related to requirements on the form, manner, and frequency that consumer confidence reports (CCR) are issued by community water systems.

First, section 2 amends SDWA section 1414(c)(4)(A) to permit CCRs to be mailed or provided by electronic means to drinking water system customers. The Committee understands that Americans are increasingly going away from a paper-driven society and instead relying on electronic technologies to access data, including real-time information. The Committee also recognizes that not all persons have access to or are comfortable using these means and intends that this new option not be used as an opportunity to avoid making paper copies available to those customers that want them.

Second, section 2 requires, under SDWA section 1414(c)(4)(B), three new types of information—relevant to the community water system's reporting period—that a system must report in its CCR. These include: (1) its compliance with corrosion control requirements, (2) identification, if any, of system-wide exceedances of the lead action level that required corrective action by EPA or a State exercising primary enforcement responsibility, and (3) an identification, if any, of SDWA violations that occurred.

Third, section 2 requires EPA, within 24 months of the date of enactment of the Drinking Water System Improvement Act, to revise the regulations implementing the CCR requirements for two issues: CCR content understandability and electronic delivery. Section 2 is intentionally narrow to these two issues to permit a targeted correction of these concerns and avoid reopening the entire rule. Specifically, in response to the December 2012 CCR Rule Retrospective Review, section 2 requires the rule revision to increase both the readability, clarity, and understandability of the information presented in the CCR as well as the accuracy and risk communication of the information presented. In addition, to reduce EPA's burden for issuing this rule revision, section 2 permits EPA to allow delivery of consumer confidence reports by methods consistent with methods described in the memorandum “Safe Drinking Water Act—Consumer Confidence Report Rule Delivery Options” issued by the Environmental Protection Agency on January 3, 2013.

Finally, section 2 requires as part of the rule revision to the requirements of SDWA section 1414(c)(4)(A) that community water systems serving 10,000 or more persons be obligated to provide, by mail, electronic means, or other methods permitted by the Administrator, a CCR to each customer of the system at least biannually. The Committee expects that when issuing these regulations, EPA will include feasible implementation options that reduce the burden

on community water systems, States, and other relevant parties subject to the new requirements while maintaining the quality and availability of information for community water system customers.

Section 3. Contractual agreements

During hearings by the Subcommittee on the Environment, the Subcommittee heard repeated testimony on the importance of encouraging partnerships between struggling public water systems and outside interests whose technical, financial, or managerial expertise would help that utility achieve compliance. Section 3 expands SDWA section 1414(h)(1) to permit an owner or operator of a public water system to enter into a contractual agreement for significant management or administrative functions of its public water system to correct its identified SDWA violations. The contract is intended to be part of a larger plan that is subject to approval by its State (if that State has primary enforcement responsibility for SDWA) or the EPA Administrator (if the State does not have primary enforcement responsibility). An approved plan would provide two years for the public water system to achieve compliance with its identified violations.

Section 3 also makes a technical change to correct the punctuation in SDWA section 1414(i)(1).

Section 4. Consolidation

Section 4(a) establishes new language at the end of SDWA section 1414(h) regarding transfers of ownership or consolidations that will help ensure safe drinking water. Specifically, the provisions are focused on the use of assessments, by public water systems whose produced drinking water creates a public health threat, to determine whether it makes sense for that utility to seek a transfer of ownership or consolidation with another utility.

In proposed SDWA section 1414(h)(3)(A), either a State with primary enforcement responsibility for SDWA or EPA, if the State does not have that authority under SDWA section 1413(a), may require the owner or operator of certain public water systems to assess their options for consolidation or transfer of ownership based on the presence of three conditions.

The first condition is that the public water system in question has repeatedly violated one or more SDWA requirements and this lack of compliance is likely to adversely affect human health. In addition, the public water system in question must have unsuccessfully tried to remedy these violations using technical assistance and a DWSRF loan or is unable or unwilling to undertake feasible and affordable actions suggested by either the State with primary enforcement or EPA to bring the water system into compliance.

In choosing the wording of the first prong of the first condition, the Committee does not intend any type of violation by a public water system to activate these provisions. Rather, the authority provided in proposed SDWA section 1414(h)(3) is limited to repeated and significant non-compliers whose systems are producing water that is unsafe for human consumption. The Committee does not intend this authority to be used for paperwork violations or when the water system is in significant compliance with SDWA requirements and is not producing water that threatens its customers' health.

The second condition is that a consolidation or transfer of the public water system is feasible, including feasibility based upon geographic considerations, technical concerns, access to capital, and chances for long-term success.

The last condition is that consolidation or transfer by the public water system could result in greater compliance with national primary drinking water regulations. The Committee intends that this condition be more than theoretical and incremental.

If all three conditions have been met and an assessment has been done, the State with primary enforcement responsibility or EPA, as appropriate, reviews the assessment. Upon completion of this review, under proposed SDWA section 1414(h)(3)(B), the State or EPA may require the owner or operator of the public water system to submit a plan for consolidation or transfer ownership. The plan's implementation becomes mandatory if three conditions are met: (1) the owner or operator of that water system has not taken steps to complete consolidation, not transferred ownership of the system, or could not achieve compliance after receiving technical assistance and a DWSRF loan; (2) after completing its assessment, the public water system violated another national primary drinking in a way that makes its produced water likely to adversely affect human health; and (3) the consolidation or transfer is feasible.

Section 4(a) also creates a new SDWA section 1414(h)(4) that permits, notwithstanding the limitation in SDWA section 1452(a)(3), DWSRF loans to be provided to public water systems trying to achieve compliance under this section through consolidation, transfer of ownership, or other means. SDWA section 1452(a)(3) generally prohibits the provision of DWSRF loans to public water systems in significant non-compliance or that lack certain technical, managerial, or financial capabilities.

Finally, section 4(a) contains provisions extending legal protections for non-responsible parties consolidating with or acquiring ownership in a non-compliant public water system. In general, section 4(a) proposes a new SDWA section 1414(h)(5) that provides protection from any potential liability for damages arising from violations of the Safe Drinking Water Act that are identified in a plan for consolidation or ownership under SDWA section 1414(h)(3)(B).

To obtain this protection, the owner or operator of a public water system must take reasonable steps to identify, in the consolidation or ownership transfer plan they are submitting under proposed SDWA section 1414(h)(3), all potential violations of which they are aware and—as of the date the plan is submitted—any funds or other assets available to the public water system that committed such violation to satisfy its liability.

If, as appropriate, the State or the Administrator approves the public water system's plan for consolidation or transfer of ownership, under proposed SDWA section 1414(h)(5)(B), the public water system is not liable for a violation of the Safe Drinking Water Act identified in its plan, except to the extent to which funds or other assets have been identified in its plan to satisfy that liability.

Section 4 contains three other features. First, it requires, in proposed SDWA section 1414(h)(6), regulations to implement the consolidation or ownership transfer provisions within proposed paragraphs (3) through (5) to SDWA section 1414(h). Second, section 4(b) adds a new SDWA section 1413(a)(6) to require that States, as

a condition of the primary enforcement delegation, have adopted and are implementing procedures consistent with the provisions in proposed paragraphs (3) through (6) to SDWA section 1414(h). Last, it makes a conforming amendment to SDWA section 1413(b), relating to EPA providing written notification to States about determinations of the primary enforcement authority status, to account for the proposed change to SDWA section 1413(a).

Section 5. Improved accuracy and availability of compliance monitoring data

Section 5 requires EPA, in coordination with the State, public water systems, and other interested stakeholders to create a strategic plan for improving the accuracy and availability of monitoring data collected to demonstrate SDWA compliance, particularly data submitted by public water systems to States and data submitted by States to EPA. This strategic plan, including a summary of its findings and practicable and cost-effective recommendations to improve accuracy and availability of monitoring data collected to demonstrate SDWA compliance, is due to Congress not later than 1 year after the date of enactment of the Drinking Water System Improvement Act.

Due to software compatibility, budgeting, and management issues the Agency and States have faced in other electronic reporting programs, like the electronic manifest program for hazardous water under section 3024 of the Solid Waste Disposal Act (42 U.S.C. 6969g), the Committee is reluctant to require a solution without EPA working out potential issues on the front end. In developing the strategic plan and its recommendations under section 4, the Administrator is obligated to evaluate any challenges: (1) faced by States and public water systems in using electronic systems for data collection and dissemination, (2) in ensuring the accuracy and integrity of submitted data, and (3) regarding access to information and the usability of an electronic system. The Committee hopes the Administrator will take advantage of the authorities in section 5 that permit consultation with States and other Federal agencies that have experience using these kinds of systems.

Section 6. Asset management

Section 6 amends SDWA section 1420 in three places to encourage the use of asset management by drinking water delivery systems.

The Subcommittee on the Environment received testimony about the importance of asset management in helping drinking water systems become economically sustainable. At the same time, witnesses stated that it was better to encourage this practice rather than mandate its use. The Committee believes technical assistance in this area, especially for smaller and rural systems, will be the most beneficial to seeing wider deployment of these practices.

First, section 6 requires States, as part of the Capacity Development Strategy, to consider, solicit, and include as appropriate, how the State will encourage the use of asset management plans and assist, including technical assistance, in the use of asset management best practices by public water systems as part of these plans. The Committee envisions that States, as appropriate, will revise

their Capacity Development Strategies to incorporate this new information.

Second, section 6 requires that when the State publishes its Capacity Development Strategy report to detail the efficacy of and progress made on the State's efforts to encourage development of asset management plans and engage of relevant training to implement asset management plans.

Last, section 6 requires the Administrator to, every five years, review and update, if appropriate, educational materials made available by the Agency to owners, managers, and operators of public water systems, local officials, technical assistance providers (including non-profit water associations), and State personnel concerning best practices for asset management strategies that may be used.

Section 7. Community Water System risk and resilience

Using much of the architecture and policy objectives contained in existing SDWA section 1433, section 6(a) replaces the provisions in SDWA section 1433 regarding the creation of risk and resilience assessments and emergency response plans by community water systems serving more than 3,300 persons.

Proposed SDWA section 1433(a)(1) requires community water systems serving over 3,300 persons to assess the risks to, and resilience of, their system. Proposed SDWA section 1433(a)(1)(A) mandates that this assessment include a review of six elements. These include: (1) the CWS's risk from malevolent acts and natural hazards; (2) the resilience of the pipes and constructed conveyances, physical barriers, source water, water collection and intake, pretreatment, treatment, storage and distribution facilities, electronic, computer, or other automated systems (including the cyber security of such systems) utilized by the CWS; (3) the community water system's monitoring practices; (4) the financial infrastructure of the community water system, including cyber protections, for infrastructure of the CWS; (5) the CWS's use, storage, or handling of various chemicals; and (6) the CWS's operation and maintenance. In addition, proposed SDWA section 1433(a)(1)(B) permits the CWS to include in its assessment an evaluation of capital and operational needs for its risk and resilience management.

The Committee notes that proposed section 1433 uses the term "malevolent act" in place of the terms "terrorist attack or other intentional acts." The Committee does not intend the switching of these terms to be interpreted to mean that these activities are no longer covered. Rather, the Committee used the term "malevolent acts" to capture the term used in the drinking water utility sector to encompass the range of threats facing CWSs. When it comes to matters surrounding acts meant to substantially disrupt the ability of the system to provide a safe and reliable supply of drinking water, the Committee wants no ambiguity within the CWS sector about what types of assessments or responses need to be made.

The Committee also defined and included resilience to natural hazards in this section because the Committee understands that the drinking water utility sector currently assesses and addresses their risks holistically, looking at both intentional acts and natural hazards such as extreme weather. In the wake of Hurricanes Harvey, Irma, and Maria, resilience efforts like this by drinking water

systems can prepare for and mitigate help impacts from extreme weather.

To aid community water systems in assessing potential risks from malevolent acts, proposed SDWA section 1433(a)(2) requires EPA, after consultation with appropriate Federal, State, and local departments and agencies and not later than August 1, 2019, to provide relevant baseline information to community water systems on malevolent acts that may substantially disrupt the ability of the CWS to provide a safe and reliable supply of drinking water or might otherwise present significant public health or economic concerns to the community served by the CWS.

Proposed SDWA section 1433(a)(3)(A) requires community water systems serving more than more 3,300 persons to submit a certification to EPA that the CWS has completed the assessment it is mandated to do under proposed SDWA section 1433(a)(1). As is done in existing SDWA section 1433(a)(2), proposed SDWA section 1433(a)(3)(A) creates a staggered deadline for submission of the required certification based on the size of the CWS. Specifically, CWSs serving a population of 100,000 or more persons must submit their certification by March 31, 2020; CWSs serving a population of between 50,000 and 99,999 persons must submit their certification by December 31, 2020; and CWSs serving a population between 3,301 persons and 49,999 must submit their certification by June 30, 2021.

Of note, proposed SDWA section 1433(a)(3)(B) requires each CWS that performed a risk and resilience assessment to review their assessment every 5 years—from the date that its certification was due to EPA under proposed section 1433(a)(3)(A)—to determine whether its assessment needs to be revised. Similar to proposed SDWA section 1433(a)(3)(A), once the CWS completes its quintennial review of its assessment, proposed SDWA section 1433(a)(3)(B) requires the CWS to submit a certification to EPA that it has reviewed its assessment and, if applicable, revised its risk and resilience assessment.

Proposed SDWA section 1433(a)(4) details the contents required to be made a part of the certification. This section states that the certifications are limited to three pieces of information: (1) the identity of the community water system submitting the certification, (2) the date of the certification, and (3) a statement that the community water system has conducted, reviewed, or revised the assessment. Since proposed SDWA section 1433 removes the broad information protections in existing SDWA section 1433, any information protection afforded to a CWS will come from EPA's determination that it meets the criteria of the Freedom of Information Act (FOIA). Any CWS unsure whether submitting additional information on their certification will be protected by FOIA, submits that data at it and its customers' risk.

Proposed SDWA section 1433(a)(5) also retains existing provisions in SDWA section 1433 that prevent a CWS from being required to provide, under State or local law, a risk and resilience assessment (or any revision of it) to any State, regional, or local governmental entity solely because proposed SDWA section 1433 required the CWS to submit a certification to EPA.

The Committee believes the use of certifications in the newly proposed SDWA section 1433 represents an important compromise

from existing law and one that addresses concerns about protecting very sensitive information from public disclosure, while at the same time removing obligations on EPA that made use of the information difficult and erected substantial financial, storage, and disposal challenges for the EPA.

Section 7(a) also retains the existing SDWA requirement for emergency response plans. Proposed SDWA section 1433(b) requires a CWS serving more than 3,300 people to prepare or revise an emergency response plan that incorporates findings of its risk and resilience assessment under proposed SDWA section 1433(a)(1). In the same form and manner as established under proposed SDWA section 1433(a)(3), proposed SDWA section 1433(b)(1) requires each CWS to certify to EPA, as soon as reasonably possible after the date of enactment of the Drinking Water System Improvement Act of 2017, but not later than six months after completion of its risk and resilience assessment, that the CWS complete its emergency response plan. Proposed SDWA section 1433(b) requires four elements be included in the emergency response plan: (1) strategies and resources to improve the resilience of the CWS, including the physical and cyber security of the CWS; (2) implementable plans and procedures and identification of equipment that can be utilized in the event of a malevolent act or natural hazard that threatens the ability of the CWS to deliver safe drinking water; (3) actions, procedures, and equipment that can obviate or significantly lessen the impact of a malevolent act or natural hazards on public health and the supply of drinking water; and (4) usable strategies to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the CWS.

Proposed SDWA section 1433(c) is designed to ensure a harmonized response to actual events at the CWS. Specifically, the CWSs is mandated, to the extent possible, to coordinate with existing local emergency planning committees established under the Emergency Planning and Community Right-To-Know Act of 1986 when preparing or revising a risk and resilience assessment or emergency response plan.

Newly proposed SDWA section 1433(d), which requires each CWS required to do a risk and resilience assessment or emergency response plan under section 1433 to maintain, for five years, a copy of the assessment and the emergency response plan (including any revised assessment or plan) submitted to EPA.

Proposed SDWA section 1433(e) requires EPA to provide guidance and technical assistance to community water systems serving a population of less than 3,300 persons on how to conduct resilience assessments, prepare emergency response plans, and address threats from malevolent acts and natural hazards that threaten to disrupt the provision of safe drinking water or significantly affect the public health or the safety or supply of drinking water. Even though these sized water systems are not required to do a risk and resilience assessment or devise an emergency response plan, the Committee notes the value that programs like this provided to smaller utilities trying to protect themselves from malevolent acts.

Proposed SDWA section 1433(f) creates a path to compliance with this section that is separate from the requirements contained in proposed subsections (a)(1) and (b) of SDWA section 1433. Spe-

cifically, proposed SDWA section 1433(f)(1) permits a CWS to meet some of its compliance obligations under this section by using and complying with technical standards that the EPA Administrator, pursuant to section 12(d) of the National Technology Transfer and Advancement Act of 1995, has recognized as a means of satisfying the requirements proposed in sections 1433(a)(1) and 1433(b). Regardless of its use of proposed section 1433(f) to satisfy compliance with risk and resilience assessment and emergency response plans, the CWS is still obligated to submit certifications to EPA acknowledging completion of the assessment and plan requirements.

The Committee believes the alternate compliance path provided in proposed SDWA section 1433(f) will increase overall compliance by CWSs and reduce the administrative burden on EPA and regulated stakeholders. The Committee recognizes that, because of changes in technology and emerging threats, water systems may be reluctant to make upgrades if they are concerned with ensuring regulatory compliance. The Committee's language intends to capitalize on efforts that have been organically occurring over the last 10 years in the drinking water sector to improve detection and response to terrorism and other natural disasters. The Committee has taken specific notice of efforts taken by drinking water utilities, such as J-100, the American Water Works Association/American National Standards Institute voluntary consensus standard encompassing an all-hazards risk and resilience management process, and EPA's workshops and tabletop exercises for terrorism and other national hazards facing drinking water systems in smaller and rural communities. For this reason, the language of proposed section 1433(f)(2) deploys the Federal government's existing practice, under section 12(d) of the National Technology Transfer and Advancement Act of 1995, of recognizing technical standards developed or adopted by third-party organizations or voluntary consensus standards bodies that carry out the policy objectives of or activities required by Federal law.

Proposed SDWA section 1433(g) creates an EPA program, called the Drinking Water Infrastructure Risk and Resilience Program, under which EPA can award grants to owners or operators of CWSs to help increase their resilience. Grants made available under this subsection are authorized for five years, from fiscal year 2018 through 2022.

Under proposed SDWA section 1433(g)(2), an owner or operator of a CWS receiving a grant from the Drinking Water Infrastructure Risk and Resilience Program is required to use the grant funds exclusively to assist in the planning, design, construction, or implementation of a program or project consistent with its emergency response plan. Eligible expenses include a range of items and activities, including the purchase and installation of equipment to detect drinking water contaminants or malevolent acts; fencing, gating, lighting, or security cameras; treatment technologies and equipment to improve drinking water system resilience; improvements to electronic, computer, financial, or other automated systems and remote systems; and participation in training programs, and the purchase of training manuals and guidance materials, relating to security and resilience.

Proposed SDWA section 1433(g)(3) precludes grants awarded from the Drinking Water Infrastructure Risk and Resilience Pro-

gram from being used for used for personnel costs, or for monitoring, operation, or maintenance of facilities, equipment, or systems.

Proposed SDWA section 1433(h)(4) authorizes, for fiscal years 2018 through 2022, \$5,000,000 from the funds provided to the Drinking Water Infrastructure Risk and Resilience Program to provide technical assistance to community water systems to assist in responding to and alleviating a vulnerability that would substantially disrupt the CWS system from providing a safe and reliable supply of drinking water that EPA determines to present an immediate and urgent need.

Proposed SDWA section 1433(h)(5) authorizes, for fiscal years 2018 through 2022, \$10,000,000 from the funds provided to the Drinking Water Infrastructure Risk and Resilience Program to provide grants to community water systems serving a population of less than 3,300 persons, or nonprofit organizations receiving assistance under SDWA section 1442(e), for technical assistance activities that are consistent with proposed SDWA section 1433(e).

Proposed SDWA section 1433(h)(6) authorizes appropriations of \$35,000,000 for each of fiscal years 2018 to 2022 to carry out SDWA section 1433(h).

Finally, proposed section 1433(h) creates the operable definitions for proposed for use in SDWA section 1433.

The term “resilience” means the ability of a community water system or an asset of a community water system to adapt to or withstand the effects of a malevolent act or natural hazard without interruption to the asset’s or system’s function, or if the function is interrupted, to rapidly return to a normal operating condition.

The term “natural hazard” means a natural event that threatens the functioning of a community water system, including an earthquake, tornado, flood, hurricane, wildfire, and hydrologic changes.

Section 7(b)(1) makes a clarification regarding the treatment of information obtained by EPA under SDWA section 1433 prior to the date of enactment the Drinking Water System Improvement Act. The Committee understands that even though many years have passed since community water systems submitted their vulnerability information to EPA, even an accidental release of information could compromise the security of America’s water system or the public’s health. For this reason, section 7(b) retains, for information previously submitted to EPA pursuant to SDWA section 1433, the protections from public disclosure that were in effect on the day before enactment of the Drinking Water System Improvement Act.

Section 7(b)(2) attempts to address whether and how to dispose of vulnerability assessments and related information obtained by EPA more than 10 years ago. Due to stringent statutory requirements on access controls, handling, and providing this sensitive information submitted to others, EPA has been unable to find a cost-effective way to return potentially outdated vulnerability assessments to the submitting CWS without risking unauthorized disclosure or otherwise violating the law. Section 7(b)(2) requires EPA, in partnership with community water systems to develop a strategy to, timely, securely, and permanently dispose of, or return to the applicable community water system, any information EPA obtained from it that contains protected information.

Section 8. Authorization for grants for state programs

Section 8 reauthorizes appropriations for the Public Water System Supervision grants under SDWA section 1443(a)(7) at \$150,000,000 in each of fiscal years 2018 through 2022.

Section 9. Monitoring for unregulated contaminants

Section 9 amends SDWA section 1445 to require, no earlier than three years after the date of enactment of the Drinking Water System Improvement Act and subject to certain conditions, monitoring of unregulated contaminants by public water systems serving between 3,300 and 10,000 persons.

Specifically, section 9(a) suspends the SDWA section 1445(a)(2)(A) requirement to only require a representative sample of public water systems serving 10,000 persons or fewer to monitor for unregulated contaminants. In its place, section 9(a) requires, subject to the availability of appropriations and a determination of sufficient laboratory capacity to accommodate the additional analyses, that public water systems serving between 3,300 and 10,000 persons be subject to monitoring requirements and that a system serving less than 3,300 be subject to monitoring only as part of a representative sample.

Finally, section 9(c) amends SDWA section 1445(g)(7) to require unregulated contaminant monitoring data collected using this new, broader universe of systems serving between 3,300 and 10,000 persons, be included in EPA's Unregulated Contaminants Data Base unless it duplicates monitoring information obtained from similarly sized public water systems.

The Committee is aware of the compliance burden that new monitoring could create for many smaller public water systems, especially since utilities subject to monitoring as part of a representative sample have their mailing and testing costs paid for by the Federal government. The Committee took care to protect against this burden in two ways. First, section 9(b) does not affect the intent and operation of SDWA sections 1445(a)(2)(H) and 1452(o)—but extends the authorization in SDWA section 1445(a)(2)(H) through fiscal year 2022—and section 9(a) adds an additional authorization of \$15,000,000 in appropriations for this purpose. Second, to avoid systems' non-compliance due to their inability to afford it without Federal aid, the Committee conditioned the requirement on EPA, in proposed SDWA section 1445(j)(1), to require monitoring for systems serving between 3,300 and 10,000 on the availability of appropriations. If the appropriations are not available to address the burdens to EPA and water systems, the Committee intends that EPA revert to its existing practice of using a representative sample for systems serving a population of 10,000 or fewer.

The Committee supports EPA's use of high quality science in its work, but is concerned that invalid, incomplete, or incorrectly gathered monitoring data will compromise its value to EPA, particularly in terms of meeting EPA's statistical modeling and analysis of it. Since the Committee does not wish to place water systems in the "Catch-22" position of complying with the requirement to obtain the sample, but unable to have an approved laboratory to analyze the sample; section 9(a) contains proposed SDWA section 1445(j)(3), which permits EPA to stop these new monitoring re-

quirements if there is not sufficient laboratory capacity to carry out the sample analysis. Should EPA determine there is not sufficient laboratory capacity to handle the increase in required monitoring, the Committee intends that EPA revert to its existing practice of using a representative sample for systems serving a population of 10,000 or fewer.

Section 10. State Revolving Loan Funds

Section 10 makes different amendments to provisions related to State Revolving Loan Funds under SDWA section 1452.

Section 10(a) clarifies and expands the types of eligible expenditures permitted from a State DWSRF under SDWA section 1452(a)(2)(B), conditioned on the EPA Administrator determining that they facilitate compliance with national primary drinking water standards or significantly further the public health objectives of the SDWA. Specifically, “siting” is now its own expenditure—and not a subset of “an associated preconstruction activity”—and “replacing or rehabilitating aging treatment, storage, or distribution facilities of public water systems” becomes an explicit eligible use.

Section 10(b) also amends the American Iron and Steel Products purchase requirements in SDWA section 1452(a)(4) by extending its application to fiscal years 2018 through 2022.

Section 10(c) adds a new SDWA section 1452(a)(5) that requires, between fiscal years 2018 and 2022, water utilities serving a population of more than 10,000 can only obtain DWSRF funding if they considered the cost and effectiveness of the relevant processes, materials, techniques, and technologies for carrying out their project and certified this consideration to its State.

This provision is not meant to convey a preference for any materials nor to make cost the sole feature of any consideration. Rather, this language is an effort to ensure DWSRF money is going to projects where recipients have considered both the cost as well as the effectiveness of the relevant processes, materials, techniques, and technologies that public money is purchasing.

The Committee is aware that section 602(b)(13) of the Federal Water Pollution Control Act (Clean Water Act) currently contains a related mandate on recipients of Clean Water Act State Revolving Funds that could serve as a model. Rather than using the exact same mandate in the Safe Drinking Water Act, the Committee was worried about the potential burden this could place on States and those receiving assistance from the DWSRF. The Committee consciously chose to use a less prescriptive and burdensome version of Clean Water Act section 602(b)(13).

Whereas the Clean Water Act language requires a waste water utility to “study and evaluate” the cost and effectiveness of the processes, materials, techniques, and technologies used in the project funded by the SRF money, section 10(c) of the Drinking Water System Improvement Act only requires the system to “consider” them. The Committee does not intend this consideration to be a perfunctory exercise, an endless analysis by the community, or litigated by goods or services providers that are not selected for a project. Consideration is satisfied when a community’s relevant authority thinks about reasonably available, technically and economically feasible products to complete the project, what their re-

spective costs might be, and whether the technical or environmental conditions merit their use.

Importantly, the required consideration is not binding on the decision made by a community. Communities have several reasons for making the decisions that they do and the Committee believes those are discussions that need to occur between community decision makers and the users of the system.

The Clean Water Act language places requirements on the selection of projects by SRF applicants as well as certain needs that must be achieved through the selection process. The language in section 10(c), however, intentionally omits selection criteria mandates. The Committee is concerned that doing so would sever the important relationship between local communities and their engineer of record in designing a water project in the manner that best serves the unique needs and considerations of local communities.

Finally, section 10(c), like the Clean Water Act, requires a certification to the State—presumably the office responsible for operating its DWSRF—that the consideration has been made by the DWSRF applicant. The Committee does not intend this to be a burdensome or involved process and is concerned this requirement could be misunderstood and develop into an onerous approval process, which could unnecessarily delay projects. The Committee understands that some States require only a signed check list to demonstrate compliance to the State under the Clean Water Act; that simple arrangement would more than meet the Committee's expectation for fulfillment of the certification.

Section 10(d) institutes a new SDWA section 1452(a)(6) that applies Federal requirements regarding prevailing wage treatment for laborers and mechanics to drinking water loan funded construction under the Safe Drinking Water Act. The practical value of this provision is that it locates the prevailing wage requirement in the SDWA. Congress already has applied Davis-Bacon prevailing wage requirements through appropriations law to DWSRF program funding for fiscal year 2012 and all future years.

Section 10(e) makes two changes to SDWA section 1452(d)(2) related to the amount of loan subsidies made available to disadvantaged communities by a State DWSRF in a fiscal year, including those communities a State expects to become disadvantaged because of its proposed project.

Under section 10(e), the ceiling on the amount of DWSRF assistance used for these purposes is raised from 30 percent to 35 percent of the State's capitalization grant.

Additionally, section 10(e) institutes a minimum requirement that 6 percent of a State's annual DWSRF capitalization grant be dedicated to loan subsidies made available to eligible water systems meeting the definition of a disadvantaged community under SDWA section 1452(d)(3). If a State does not have enough applications for DWSRF assistance from eligible disadvantaged communities that total 6 percent of the State's annual DWSRF capitalization grant, the State may use these funds for other worthy DWSRF applicants.

Section 10(f) makes changes to SDWA section 1452(f)(1) regarding repayment of principal and interest on loans issued by a State DWSRF. Existing law provides that principal and interest payments begin no later than one year after completion of the project;

that each loan to be fully amortized within 20 years of the project's completion; and that States may provide disadvantaged communities an extended loan period of 30 years after the date of project's completion so long as the extended term does not exceed the expected design life of the project.

Under section 10(f), principal and interest payments cannot begin later than 18 months after completion of the project on which the loan was made; requires each loan to be fully amortized within 30 years of the project's completion; and permits States to allow disadvantaged communities an extended loan period of 40 years after the date of project's completion so long as the extended term does not exceed the expected design life of the project.

Section 10(g) amends SDWA section 1452(h) to require EPA, in any needs assessment after the date of enactment of the Drinking Water System Improvement Act, to include an assessment of costs to replace all lead service lines (as defined in SDWA section 1459B(a)(4)) of all eligible public water systems in the United States. To help provide a more granular picture of lead service lines, section 10(g) requires EPA's assessment to separately describe the costs associated with replacing the portions of lead service lines that are owned by an eligible public water system and, to the extent practicable, the costs associated with replacing any remaining portions of lead service lines, including those owned by private residences.

The Committee wishes to note here that it is aware of ongoing legal questions related to the ownership of lead service lines. The Committee does not wish to use this bill to take a position on that question and intentionally drafted to avoid any implication that Congress was taking an opinion on this matter.

Section 10(h) removes the current restriction in SDWA section 1452(k)(1)(C) on States using a portion of their DWSRF capitalization grant to delineate and assess source water protection areas in accordance with SDWA section 1453. Section 10(h) retains the requirement in SDWA section 1452(k)(1)(C) that funds set aside for this purpose be obligated within four fiscal years.

Section 10(i) reauthorizes appropriations to carry out SDWA section 1452 and operation of the DWSRF, providing \$8 million over five years. Specifically, section 10(i) authorizes \$1.2 billion in fiscal year 2018, \$1.4 billion in fiscal year 2019, \$1.6 billion in fiscal year 2020, \$1.8 billion in fiscal year 2021, and \$2 billion in fiscal year 2022.

Section 10(j) creates a new SDWA section 1452(s) related to best practices for the DWSRF. Specifically, EPA is authorized to collect—within three years—information from States on efforts and practices related to streamlining and aiding the DWSRF application process; spending of DWSRF funds and types of assistance granted; and enhancing management of and use of key financial measures for their DWSRFs. EPA is then required to take this information and make publicly available those best practices from among the data it has collected.

Section 11. Authorization for Source Water Petition Programs

Section 11 extends the reauthorization of appropriations from fiscal years 2018 through 2022 to carry out the Source Water Petition Program under SDWA section 1454(e). The program provides

grants to States that establish a voluntary source water protection partnership program that meets EPA guidelines and is approved by the Administrator.

Section 12. Review of technologies

Section 12 creates a new SDWA section 1459C dedicated to innovative efforts to protect public health. This section authorizes \$10 million for EPA to review existing and potential methods, means, equipment, and intelligent systems or other smart smart-technology to: (1) ensure the physical integrity of a community water system; (2) prevent, detect, or respond in real-time to regulated contaminants in drinking water and source water; (3) allows for use of alternate drinking water supplies from non-traditional sources; and (4) facilitate source water assessments and protection.

Section 13. Drinking water fountain replacement for schools

Section 13 creates a new SDWA section 1465. Under this section, EPA is required to establish a grant program, authorized at \$5,000,000 per year for fiscal years 2018 through 2022, to provide assistance to schools and daycare centers containing drinking water fountains manufactured before 1988. Specifically, the grants are to be used to replace those drinking water fountains and may be used to pay for monitoring lead levels in those schools or daycare centers.

Section 13 also requires that priority for awarding these grants should go to schools and daycare centers based upon economic need. The Committee intends “economic need” to be interpreted to mean that the school or daycare would otherwise have trouble obtaining the resources to make this improvement.

Section 14. Source water

Section 14 amends the Emergency Planning and Community Right to Know Act (EPCRA) to help community water systems better understand real and potential threats to the source water they treat for drinking water.

First, section 14 amends EPCRA section 304 to have a State emergency response commission notify the State office primarily responsible for drinking water if a regulated entity has an unauthorized release to the source water of a community water system. Once notified, the State office primarily responsible for drinking water then alerts any community water system whose source water is affected by such release.

In addition, section 14 amends EPCRA section 312(e) to permit community water systems to have access to information on the types of hazardous chemicals located at facilities near the source water they use for drinking water.

Section 15. Report on Federal cross-cutting requirements

The Subcommittee on the Environment received testimony on the impact of cross-cutting requirements.

Section 15 requires the Government Accountability Office, within one year of the date of enactment of the Drinking Water System Improvement Act, to conduct a study and issue a report to Congress that identifies demonstrations of compliance with a State or local environmental law that may be substantially equivalent to

any demonstration required by the Administrator for compliance with a Federal cross-cutting requirement (a requirement that is a condition for receipt of Federal funding). The study is supposed to be conducted in consultation with EPA, State agencies that have primary enforcement responsibility for SDWA, and public water systems.

CHANGES IN EXISTING LAW MADE BY THE BILL, AS REPORTED

In compliance with clause 3(e) of rule XIII of the Rules of the House of Representatives, changes in existing law made by the bill, as reported, are shown as follows (existing law proposed to be omitted is enclosed in black brackets, new matter is printed in italic, and existing law in which no change is proposed is shown in roman):

SAFE DRINKING WATER ACT

TITLE XIV—SAFETY OF PUBLIC WATER SYSTEMS

* * * * *

PART B—PUBLIC WATER SYSTEMS

* * * * *

STATE PRIMARY ENFORCEMENT RESPONSIBILITY

SEC. 1413. (a) For purposes of this title, a State has primary enforcement responsibility for public water systems during any period for which the Administrator determines (pursuant to regulations prescribed under subsection (b)) that such State—

(1) has adopted drinking water regulations that are no less stringent than the national primary drinking water regulations promulgated by the Administrator under subsections (a) and (b) of section 1412 not later than 2 years after the date on which the regulations are promulgated by the Administrator, except that the Administrator may provide for an extension of not more than 2 years if, after submission and review of appropriate, adequate documentation from the State, the Administrator determines that the extension is necessary and justified;

(2) has adopted and is implementing adequate procedures for the enforcement of such State regulations, including conducting such monitoring and making such inspections as the Administrator may require by regulation;

(3) will keep such records and make such reports with respect to its activities under paragraphs (1) and (2) as the Administrator may require by regulation;

(4) if it permits variances or exemptions, or both, from the requirements of its drinking water regulations which meet the requirements of paragraph (1), permits such variances and exemptions under conditions and in a manner which is not less stringent than the conditions under, and the manner in, which variances and exemptions may be granted under sections 1415 and 1416;

(5) has adopted and can implement an adequate plan for the provision of safe drinking water under emergency cir-

cumstances including earthquakes, floods, hurricanes, and other natural disasters, as appropriate; and;

(6) *has adopted and is implementing procedures for requiring public water systems to assess options for, and complete, consolidation or transfer of ownership, in accordance with the regulations issued by the Administrator under section 1414(h)(6); and*

(6) (7) has adopted authority for administrative penalties (unless the constitution of the State prohibits the adoption of the authority) in a maximum amount—

(A) in the case of a system serving a population of more than 10,000, that is not less than \$1,000 per day per violation; and

(B) in the case of any other system, that is adequate to ensure compliance (as determined by the State); except that a State may establish a maximum limitation on the total amount of administrative penalties that may be imposed on a public water system per violation.

(b)(1) The Administrator shall, by regulation (proposed within 180 days of the date of the enactment of this title), prescribe the manner in which a State may apply to the Administrator for a determination that the requirements of paragraphs (1), (2), (3), and (4) of subsection (a) are satisfied with respect to the State, the manner in which the determination is made, the period for which the determination will be effective, and the manner in which the Administrator may determine that such requirements are no longer met. Such regulations shall require that before a determination of the Administrator that such requirements are met or are no longer met with respect to a State may become effective, the Administrator shall notify such State of the determination and the reasons therefor and shall provide an opportunity for public hearing on the determination. Such regulations shall be promulgated (with such modifications as the Administrator deems appropriate) within 90 days of the publication of the proposed regulations in the Federal Register. The Administrator shall promptly notify in writing the chief executive officer of each State of the promulgation of regulations under this paragraph. Such notice shall contain a copy of the regulations and shall specify a State's authority under this title when it is determined to have primary enforcement responsibility for public water systems.

(2) When an application is submitted in accordance with the Administrator's regulations under paragraph (1), the Administrator shall within 90 days of the date on which such application is submitted (A) make the determination applied for, or (B) deny the application and notify the applicant in writing of the reasons for his denial.

(c) INTERIM PRIMARY ENFORCEMENT AUTHORITY.—A State that has primary enforcement authority under this section with respect to each existing national primary drinking water regulation shall be considered to have primary enforcement authority with respect to each new or revised national primary drinking water regulation during the period beginning on the effective date of a regulation adopted and submitted by the State with respect to the new or revised national primary drinking water regulation in accordance with subsection (b)(1) and ending at such time as the Adminis-

trator makes a determination under subsection (b)(2)(B) with respect to the regulation.

ENFORCEMENT OF DRINKING WATER REGULATIONS

SEC. 1414. (a)(1)(A) Whenever the Administrator finds during a period during which a State has primary enforcement responsibility for public water systems (within the meaning of section 1413(a)) that any public water system—

(i) for which a variance under section 1415 or an exemption under section 1416 is not in effect, does not comply with any applicable requirement, or

(ii) for which a variance under section 1415 or an exemption under section 1416 is in effect, does not comply with any schedule or other requirement imposed pursuant thereto, he shall so notify the State and such public water system and provide such advice and technical assistance to such State and public water system as may be appropriate to bring the system into compliance with the requirement by the earliest feasible time.

(B) If, beyond the thirtieth day after the Administrator's notification under subparagraph (A), the State has not commenced appropriate enforcement action, the Administrator shall issue an order under subsection (g) requiring the public water system to comply with such applicable requirement or the Administrator shall commence a civil action under subsection (b).

(2) ENFORCEMENT IN NONPRIMACY STATES.—

(A) IN GENERAL.—If, on the basis of information available to the Administrator, the Administrator finds, with respect to a period in which a State does not have primary enforcement responsibility for public water systems, that a public water system in the State—

(i) for which a variance under section 1415 or an exemption under section 1416 is not in effect, does not comply with any applicable requirement; or

(ii) for which a variance under section 1415 or an exemption under section 1416 is in effect, does not comply with any schedule or other requirement imposed pursuant to the variance or exemption;

the Administrator shall issue an order under subsection (g) requiring the public water system to comply with the requirement, or commence a civil action under subsection (b).

(B) NOTICE.—If the Administrator takes any action pursuant to this paragraph, the Administrator shall notify an appropriate local elected official, if any, with jurisdiction over the public water system of the action prior to the time that the action is taken.

(b) The Administrator may bring a civil action in the appropriate United States district court to require compliance with any applicable requirement, with an order issued under subsection (g), or with any schedule or other requirement imposed pursuant to a variance or exemption granted under section 1415 or 1416 if—

(1) authorized under paragraph (1) or (2) of subsection (a), or

(2) if requested by (A) the chief executive officer of the State in which is located the public water system which is not in

compliance with such regulation or requirement, or (B) the agency of such State which has jurisdiction over compliance by public water systems in the State with national primary drinking water regulations or State drinking water regulations.

The court may enter, in an action brought under this subsection, such judgment as protection of public health may require, taking into consideration the time necessary to comply and the availability of alternative water supplies; and, if the court determines that there has been a violation of the regulation or schedule or other requirement with respect to which the action was brought, the court may, taking into account the seriousness of the violation, the population at risk, and other appropriate factors, impose on the violator a civil penalty of not to exceed \$25,000 for each day in which such violation occurs.

(c) NOTICE TO STATES, THE ADMINISTRATOR, AND PERSONS SERVED.—

(1) IN GENERAL.—Each owner or operator of a public water system shall give notice of each of the following to the persons served by the system:

(A) Notice of any failure on the part of the public water system to—

(i) comply with an applicable maximum contaminant level or treatment technique requirement of, or a testing procedure prescribed by, a national primary drinking water regulation; or

(ii) perform monitoring required by section 1445(a).

(B) If the public water system is subject to a variance granted under subsection (a)(1)(A), (a)(2), or (e) of section 1415 for an inability to meet a maximum contaminant level requirement or is subject to an exemption granted under section 1416, notice of—

(i) the existence of the variance or exemption; and

(ii) any failure to comply with the requirements of any schedule prescribed pursuant to the variance or exemption.

(C) Notice of the concentration level of any unregulated contaminant for which the Administrator has required public notice pursuant to paragraph (2)(F).

(D) Notice that the public water system exceeded the lead action level under section 141.80(c) of title 40, Code of Federal Regulations (or a prescribed level of lead that the Administrator establishes for public education or notification in a successor regulation promulgated pursuant to section 1412).

(2) FORM, MANNER, AND FREQUENCY OF NOTICE.—

(A) IN GENERAL.—The Administrator shall, by regulation, and after consultation with the States, prescribe the manner, frequency, form, and content for giving notice under this subsection. The regulations shall—

(i) provide for different frequencies of notice based on the differences between violations that are intermittent or infrequent and violations that are continuous or frequent; and

(ii) take into account the seriousness of any potential adverse health effects that may be involved.

(B) STATE REQUIREMENTS.—

(i) IN GENERAL.—A State may, by rule, establish alternative notification requirements—

(I) with respect to the form and content of notice given under and in a manner in accordance with subparagraph (C); and

(II) with respect to the form and content of notice given under subparagraph (E).

(ii) CONTENTS.—The alternative requirements shall provide the same type and amount of information as required pursuant to this subsection and regulations issued under subparagraph (A).

(iii) RELATIONSHIP TO SECTION 1413.—Nothing in this subparagraph shall be construed or applied to modify the requirements of section 1413.

(C) NOTICE OF VIOLATIONS OR EXCEEDANCES WITH POTENTIAL TO HAVE SERIOUS ADVERSE EFFECTS ON HUMAN HEALTH.—Regulations issued under subparagraph (A) shall specify notification procedures for each violation, and each exceedance described in paragraph (1)(D), by a public water system that has the potential to have serious adverse effects on human health as a result of short-term exposure. Each notice of violation or exceedance provided under this subparagraph shall—

(i) be distributed as soon as practicable, but not later than 24 hours, after the public water system learns of the violation or exceedance;

(ii) provide a clear and readily understandable explanation of—

(I) the violation or exceedance;

(II) the potential adverse effects on human health;

(III) the steps that the public water system is taking to correct the violation or exceedance; and

(IV) the necessity of seeking alternative water supplies until the violation or exceedance is corrected;

(iii) be provided to the Administrator and the head of the State agency that has primary enforcement responsibility under section 1413, as applicable, as soon as practicable, but not later than 24 hours after the public water system learns of the violation or exceedance; and

(iv) as required by the State agency in general regulations of the State agency, or on a case-by-case basis after the consultation referred to in clause (iii), considering the health risks involved—

(I) be provided to appropriate media, including broadcast media;

(II) be prominently published in a newspaper of general circulation serving the area not later than 1 day after distribution of a notice pursuant to clause (i) or the date of publication of the next issue of the newspaper; or

(III) be provided by posting or door-to-door notification.

(D) NOTICE BY THE ADMINISTRATOR.—If the State with primary enforcement responsibility or the owner or operator of a public water system has not issued a notice under subparagraph (C) for an exceedance of the lead action level under section 141.80(c) of title 40, Code of Federal Regulations (or a prescribed level of lead that the Administrator establishes for public education or notification in a successor regulation promulgated pursuant to section 1412) that has the potential to have serious adverse effects on human health as a result of short-term exposure, not later than 24 hours after the Administrator is notified of the exceedance, the Administrator shall issue the required notice under that subparagraph.

(E) WRITTEN NOTICE.—

(i) IN GENERAL.—Regulations issued under subparagraph (A) shall specify notification procedures for violations other than the violations covered by subparagraph (C). The procedures shall specify that a public water system shall provide written notice to each person served by the system by notice (I) in the first bill (if any) prepared after the date of occurrence of the violation, (II) in an annual report issued not later than 1 year after the date of occurrence of the violation, or (III) by mail or direct delivery as soon as practicable, but not later than 1 year after the date of occurrence of the violation.

(ii) FORM AND MANNER OF NOTICE.—The Administrator shall prescribe the form and manner of the notice to provide a clear and readily understandable explanation of the violation, any potential adverse health effects, and the steps that the system is taking to seek alternative water supplies, if any, until the violation is corrected.

(F) UNREGULATED CONTAMINANTS.—The Administrator may require the owner or operator of a public water system to give notice to the persons served by the system of the concentration levels of an unregulated contaminant required to be monitored under section 1445(a).

(3) REPORTS.—

(A) ANNUAL REPORT BY STATE.—

(i) IN GENERAL.—Not later than January 1, 1998, and annually thereafter, each State that has primary enforcement responsibility under section 1413 shall prepare, make readily available to the public, and submit to the Administrator an annual report on violations of national primary drinking water regulations by public water systems in the State, including violations with respect to (I) maximum contaminant levels, (II) treatment requirements, (III) variances and exemptions, and (IV) monitoring requirements determined to be significant by the Administrator after consultation with the States.

(ii) DISTRIBUTION.—The State shall publish and distribute summaries of the report and indicate where the full report is available for review.

(B) ANNUAL REPORT BY ADMINISTRATOR.—Not later than July 1, 1998, and annually thereafter, the Administrator shall prepare and make available to the public an annual report summarizing and evaluating reports submitted by States pursuant to subparagraph (A), notices submitted by public water systems serving Indian Tribes provided to the Administrator pursuant to subparagraph (C) or (E) of paragraph (2), and notices issued by the Administrator with respect to public water systems serving Indian Tribes under subparagraph (D) of that paragraph and making recommendations concerning the resources needed to improve compliance with this title. The report shall include information about public water system compliance on Indian reservations and about enforcement activities undertaken and financial assistance provided by the Administrator on Indian reservations, and shall make specific recommendations concerning the resources needed to improve compliance with this title on Indian reservations.

(4) CONSUMER CONFIDENCE REPORTS BY COMMUNITY WATER SYSTEMS.—

(A) ~~ANNUAL REPORTS~~ *REPORTS TO CONSUMERS*.—The Administrator, in consultation with public water systems, environmental groups, public interest groups, risk communication experts, and the States, and other interested parties, shall issue regulations within 24 months after the date of enactment of this paragraph to require each community water system to mail, *or provide by electronic means*, to each customer of the system at least once annually a report on the level of contaminants in the drinking water purveyed by that system (referred to in this paragraph as a “consumer confidence report”). Such regulations shall provide a brief and plainly worded definition of the terms “maximum contaminant level goal”, “maximum contaminant level”, “variances”, and “exemptions” and brief statements in plain language regarding the health concerns that resulted in regulation of each regulated contaminant. The regulations shall also include a brief and plainly worded explanation regarding contaminants that may reasonably be expected to be present in drinking water, including bottled water. The regulations shall also provide for an Environmental Protection Agency toll-free hotline that consumers can call for more information and explanation.

(B) CONTENTS OF REPORT.—The consumer confidence reports under this paragraph shall include, but not be limited to, each of the following:

- (i) Information on the source of the water purveyed.
- (ii) A brief and plainly worded definition of the terms “action level”, “maximum contaminant level goal”, “maximum contaminant level”, “variances”, and “exemptions” as provided in the regulations of the Administrator.

(iii) If any regulated contaminant is detected in the water purveyed by the public water system, a statement describing, as applicable—

- (I) the maximum contaminant level goal;
- (II) the maximum contaminant level;
- (III) the level of the contaminant in the water system;
- (IV) the action level for the contaminant; and
- (V) for any contaminant for which there has been a violation of the maximum contaminant level during the year concerned, a brief statement in plain language regarding the health concerns that resulted in regulation of the contaminant, as provided by the Administrator in regulations under subparagraph (A).

(iv) Information on compliance with national primary drinking water regulations, as required by the Administrator, and *the Administrator, including corrosion control efforts, and* notice if the system is operating under a variance or exemption and the basis on which the variance or exemption was granted.

(v) Information on the levels of unregulated contaminants for which monitoring is required under section 1445(a)(2) (including levels of cryptosporidium and radon where States determine they may be found).

(vi) A statement that the presence of contaminants in drinking water does not necessarily indicate that the drinking water poses a health risk and that more information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency hotline.

(vii) *Identification of, if any—*

(I) exceedances described in paragraph (1)(D) for which corrective action has been required by the Administrator or the State (in the case of a State exercising primary enforcement responsibility for public water systems) during the monitoring period covered by the consumer confidence report; and

(II) violations that occurred during the monitoring period covered by the consumer confidence report.

A public water system may include such additional information as it deems appropriate for public education. The Administrator may, for not more than 3 regulated contaminants other than those referred to in clause (iii)(V), require a consumer confidence report under this paragraph to include the brief statement in plain language regarding the health concerns that resulted in regulation of the contaminant or contaminants concerned, as provided by the Administrator in regulations under subparagraph (A).

(C) COVERAGE.—The Governor of a State may determine not to apply the mailing requirement of subparagraph (A)

to a community water system serving fewer than 10,000 persons. Any such system shall—

(i) inform, in the newspaper notice required by clause (iii) or by other means, its customers that the system will not be mailing the report as required by subparagraph (A);

(ii) make the consumer confidence report available upon request to the public; and

(iii) publish the report referred to in subparagraph (A) annually in one or more local newspapers serving the area in which customers of the system are located.

(D) ALTERNATIVE TO PUBLICATION.—For any community water system which, pursuant to subparagraph (C), is not required to meet the mailing requirement of subparagraph (A) and which serves 500 persons or fewer, the community water system may elect not to comply with clause (i) or (iii) of subparagraph (C). If the community water system so elects, the system shall, at a minimum—

(i) prepare an annual consumer confidence report pursuant to subparagraph (B); and

(ii) provide notice at least once per year to each of its customers by mail, by door-to-door delivery, by posting or by other means authorized by the regulations of the Administrator that the consumer confidence report is available upon request.

(E) ALTERNATIVE FORM AND CONTENT.—A State exercising primary enforcement responsibility may establish, by rule, after notice and public comment, alternative requirements with respect to the form and content of consumer confidence reports under this paragraph.

(F) REVISIONS.—

(i) UNDERSTANDABILITY AND FREQUENCY.—*Not later than 24 months after the Drinking Water System Improvement Act of 2017, the Administrator, in consultation with the parties identified in subparagraph (A), shall issue revisions to the regulations issued under subparagraph (A)—*

(I) to increase—

(aa) the readability, clarity, and understandability of the information presented in consumer confidence reports; and

(bb) the accuracy of information presented, and risk communication, in consumer confidence reports; and

(II) with respect to community water systems that serve 10,000 or more persons, to require each such community water system to provide, by mail, electronic means, or other methods described in clause (ii), a consumer confidence report to each customer of the system at least biannually.

(ii) ELECTRONIC DELIVERY.—*Any revision of regulations pursuant to clause (i) shall allow delivery of consumer confidence reports by methods consistent with methods described in the memorandum “Safe Drinking Water Act–Consumer Confidence Report Rule Delivery*

Options” issued by the Environmental Protection Agency on January 3, 2013.

(5) EXCEEDANCE OF LEAD LEVEL AT HOUSEHOLDS.—

(A) STRATEGIC PLAN.—Not later than 180 days after the date of enactment of this paragraph, the Administrator shall, in collaboration with owners and operators of public water systems and States, establish a strategic plan for how the Administrator, a State with primary enforcement responsibility, and owners and operators of public water systems shall provide targeted outreach, education, technical assistance, and risk communication to populations affected by the concentration of lead in a public water system, including dissemination of information described in subparagraph (C).

(B) EPA INITIATION OF NOTICE.—

(i) FORWARDING OF DATA BY EMPLOYEE OF THE AGENCY.—If the Agency develops, or receives from a source other than a State or a public water system, data that meets the requirements of section 1412(b)(3)(A)(ii) that indicates that the drinking water of a household served by a public water system contains a level of lead that exceeds the lead action level under section 141.80(c) of title 40, Code of Federal Regulations (or a prescribed level of lead that the Administrator establishes for public education or notification in a successor regulation promulgated pursuant to section 1412) (referred to in this paragraph as an “affected household”), the Administrator shall require an appropriate employee of the Agency to forward the data, and information on the sampling techniques used to obtain the data, to the owner or operator of the public water system and the State in which the affected household is located within a time period determined by the Administrator.

(ii) DISSEMINATION OF INFORMATION BY OWNER OR OPERATOR.—The owner or operator of a public water system shall disseminate to affected households the information described in subparagraph (C) within a time period established by the Administrator, if the owner or operator—

(I) receives data and information under clause (i); and

(II) has not, since the date of the test that developed the data, notified the affected households—

(aa) with respect to the concentration of lead in the drinking water of the affected households; and

(bb) that the concentration of lead in the drinking water of the affected households exceeds the lead action level under section 141.80(c) of title 40, Code of Federal Regulations (or a prescribed level of lead that the Administrator establishes for public education

or notification in a successor regulation promulgated pursuant to section 1412).

(iii) CONSULTATION.—

(I) DEADLINE.—If the owner or operator of the public water system does not disseminate to the affected households the information described in subparagraph (C) as required under clause (ii) within the time period established by the Administrator, not later than 24 hours after the Administrator becomes aware of the failure by the owner or operator of the public water system to disseminate the information, the Administrator shall consult, within a period not to exceed 24 hours, with the applicable Governor to develop a plan, in accordance with the strategic plan, to disseminate the information to the affected households not later than 24 hours after the end of the consultation period.

(II) DELEGATION.—The Administrator may only delegate the duty to consult under subclause (I) to an employee of the Agency who, as of the date of the delegation, works in the Office of Water at the headquarters of the Agency.

(iv) DISSEMINATION BY ADMINISTRATOR.—The Administrator shall, as soon as practicable, disseminate to affected households the information described in subparagraph (C) if—

(I) the owner or operator of the public water system does not disseminate the information to the affected households within the time period determined by the Administrator, as required by clause (ii); and

(II)(aa) the Administrator and the applicable Governor do not agree on a plan described in clause (iii)(I) during the consultation period under that clause; or

(bb) the applicable Governor does not disseminate the information within 24 hours after the end of the consultation period.

(C) INFORMATION REQUIRED.—The information described in this subparagraph includes—

(i) a clear explanation of the potential adverse effects on human health of drinking water that contains a concentration of lead that exceeds the lead action level under section 141.80(c) of title 40, Code of Federal Regulations (or a prescribed level of lead that the Administrator establishes for public education or notification in a successor regulation promulgated pursuant to section 1412);

(ii) the steps that the owner or operator of the public water system is taking to mitigate the concentration of lead; and

(iii) the necessity of seeking alternative water supplies until the date on which the concentration of lead is mitigated.

(6) **PRIVACY.**—Any notice to the public or an affected household under this subsection shall protect the privacy of individual customer information.

(d) Whenever, on the basis of information available to him, the Administrator finds that within a reasonable time after national secondary drinking water regulations have been promulgated, one or more public water systems in a State do not comply with such secondary regulations, and that such noncompliance appears to result from a failure of such State to take reasonable action to assure that public water systems throughout such State meet such secondary regulations, he shall so notify the State.

(e) Nothing in this title shall diminish any authority of a State or political subdivision to adopt or enforce any law or regulation respecting drinking water regulations or public water systems, but no such law or regulation shall relieve any person of any requirement otherwise applicable under this title.

(f) If the Administrator makes a finding of noncompliance (described in subparagraph (A) or (B) of subsection (a)(1)) with respect to a public water system in a State which has primary enforcement responsibility, the Administrator may, for the purpose of assisting that State in carrying out such responsibility and upon the petition of such State or public water system or persons served by such system, hold, after appropriate notice, public hearings for the purpose of gathering information from technical or other experts, Federal, State, or other public officials, representatives of such public water system, persons served by such system, and other interested persons on—

(1) the ways in which such system can within the earliest feasible time be brought into compliance with the regulation or requirement with respect to which such finding was made, and

(2) the means for the maximum feasible protection of the public health during any period in which such system is not in compliance with a national primary drinking water regulation or requirement applicable to a variance or exemption.

On the basis of such hearings the Administrator shall issue recommendations which shall be sent to such State and public water system and shall be made available to the public and communications media.

(g)(1) In any case in which the Administrator is authorized to bring a civil action under this section or under section 1445 with respect to any applicable requirement, the Administrator also may issue an order to require compliance with such applicable requirement.

(2) An order issued under this subsection shall not take effect, in the case of a State having primary enforcement responsibility for public water systems in that State, until after the Administrator has provided the State with an opportunity to confer with the Administrator regarding the order. A copy of any order issued under this subsection shall be sent to the appropriate State agency of the State involved if the State has primary enforcement responsibility for public water systems in that State. Any order issued under this subsection shall state with reasonable specificity the nature of the violation. In any case in which an order under this subsection is issued to a corporation, a copy of such order shall be issued to appropriate corporate officers.

(3)(A) Any person who violates, or fails or refuses to comply with, an order under this subsection shall be liable to the United States for a civil penalty of not more than \$25,000 per day of violation.

(B) In a case in which a civil penalty sought by the Administrator under this paragraph does not exceed \$5,000, the penalty shall be assessed by the Administrator after notice and opportunity for a public hearing (unless the person against whom the penalty is assessed requests a hearing on the record in accordance with section 554 of title 5, United States Code). In a case in which a civil penalty sought by the Administrator under this paragraph exceeds \$5,000, but does not exceed \$25,000, the penalty shall be assessed by the Administrator after notice and opportunity for a hearing on the record in accordance with section 554 of title 5, United States Code.

(C) Whenever any civil penalty sought by the Administrator under this subsection for a violation of an applicable requirement exceeds \$25,000, the penalty shall be assessed by a civil action brought by the Administrator in the appropriate United States district court (as determined under the provisions of title 28 of the United States Code).

(D) If any person fails to pay an assessment of a civil penalty after it has become a final and unappealable order, or after the appropriate court of appeals has entered final judgment in favor of the Administrator, the Attorney General shall recover the amount for which such person is liable in any appropriate district court of the United States. In any such action, the validity and appropriateness of the final order imposing the civil penalty shall not be subject to review.

(h) CONSOLIDATION INCENTIVE.—

(1) IN GENERAL.—An owner or operator of a public water system may submit to the State in which the system is located (if the State has primary enforcement responsibility under section 1413) or to the Administrator (if the State does not have primary enforcement responsibility) a plan (including specific measures and schedules) for—

(A) the physical consolidation of the system with 1 or more other systems;

(B) the consolidation of significant management and administrative functions of the system with 1 or more other systems; or

(C) the transfer of ownership of the system that may reasonably be expected to improve drinking water quality; or

(D) entering into a contractual agreement for significant management or administrative functions of the system to correct violations identified in the plan.

(2) CONSEQUENCES OF APPROVAL.—If the State or the Administrator approves a plan pursuant to paragraph (1), no enforcement action shall be taken pursuant to this part with respect to a specific violation identified in the approved plan prior to the date that is the earlier of the date on which consolidation is completed according to the plan or the date that is 2 years after the plan is approved.

(3) AUTHORITY FOR MANDATORY ASSESSMENT AND MANDATORY CONSOLIDATION.—

(A) *MANDATORY ASSESSMENT.*—A State with primary enforcement responsibility or the Administrator (if the State does not have primary enforcement responsibility) may require the owner or operator of a public water system to assess options for consolidation, or transfer of ownership of the system, as described in paragraph (1), if—

(i) the public water system—

(I) has repeatedly violated one or more national primary drinking water regulations and such repeated violations are likely to adversely affect human health; and

(II)(aa) is unable or unwilling to take feasible and affordable actions, as identified by the State with primary enforcement responsibility or the Administrator (if the State does not have primary enforcement responsibility), that will result in the public water system complying with the national primary drinking water regulations described in subclause (I), including accessing technical assistance and financial assistance through the State loan fund pursuant to section 1452; or

(bb) has already undertaken actions described in item (aa) without achieving compliance;

(ii) such consolidation or transfer is feasible; and

(iii) such consolidation or transfer could result in greater compliance with national primary drinking water regulations.

(B) *MANDATORY CONSOLIDATION.*—After review of an assessment under subparagraph (A), a State with primary enforcement responsibility or the Administrator (if the State does not have primary enforcement responsibility) may require the owner or operator of a public water system that completed such assessment to submit a plan for consolidation, or transfer of ownership of the system, under paragraph (1), and complete the actions required under such plan if—

(i) the owner or operator of the public water system—

(I) has not taken steps to complete consolidation;

(II) has not transferred ownership of the system;

or

(III) was unable to achieve compliance after taking the actions described in clause (i)(II)(aa) of subparagraph (A);

(ii) since completing such assessment, the public water system has violated one or more national primary drinking water regulations and such violations are likely to adversely affect human health; and

(iii) such consolidation or transfer is feasible.

(4) *FINANCIAL ASSISTANCE.*—Notwithstanding section 1452(a)(3), a public water system undertaking consolidation or transfer of ownership or alternative actions to achieve compliance pursuant to this subsection may receive assistance under section 1452 to carry out such consolidation, transfer, or alternative actions.

(5) *PROTECTION OF NONRESPONSIBLE SYSTEM.*—

(A) IDENTIFICATION OF LIABILITIES.—

(i) *IN GENERAL.*—An owner or operator of a public water system submitting a plan pursuant to paragraph (3) shall identify as part of such plan—

(I) any potential liability for damages arising from each specific violation identified in the plan of which the owner or operator is aware; and

(II) any funds or other assets that are available to satisfy such liability, as of the date of submission of such plan, to the public water system that committed such violation.

(ii) *INCLUSION.*—In carrying out clause (i), the owner or operator shall take reasonable steps to ensure that all potential liabilities for damages arising from each specific violation identified in the plan submitted pursuant to paragraph (3) are identified.

(B) *RESERVATION OF FUNDS.*—A public water system that has completed the actions required under a plan submitted and approved pursuant to paragraph (3) shall not be liable under this title for a violation of this title identified in the plan, except to the extent to which funds or other assets are identified pursuant to subparagraph (A)(i)(II) as available to satisfy such liability.

(6) *REGULATIONS.*—Not later than 2 years after the date of enactment of the Drinking Water System Improvement Act of 2017, the Administrator shall promulgate regulations to implement paragraphs (3), (4), and (5).

(i) *DEFINITION OF APPLICABLE REQUIREMENT.*—In this section, the term “applicable requirement” means—

(1) a requirement of section 1412, 1414, 1415, 1416, 1417, 1433, 1441, or 1445;

(2) a regulation promulgated pursuant to a section referred to in paragraph (1);

(3) a schedule or requirement imposed pursuant to a section referred to in paragraph (1); and

(4) a requirement of, or permit issued under, an applicable State program for which the Administrator has made a determination that the requirements of section 1413 have been satisfied, or an applicable State program approved pursuant to this part.

(j) *IMPROVED ACCURACY AND AVAILABILITY OF COMPLIANCE MONITORING DATA.*—

(1) *STRATEGIC PLAN.*—Not later than 1 year after the date of enactment of this subsection, the Administrator, in coordination with States, public water systems, and other interested stakeholders, shall develop and provide to Congress a strategic plan for improving the accuracy and availability of monitoring data collected to demonstrate compliance with national primary drinking water regulations and submitted—

(A) by public water systems to States; or

(B) by States to the Administrator.

(2) *EVALUATION.*—In developing the strategic plan under paragraph (1), the Administrator shall evaluate any challenges faced—

- (A) *in ensuring the accuracy and integrity of submitted data described in paragraph (1);*
- (B) *by States and public water systems in implementing an electronic system for submitting such data, including the technical and economic feasibility of implementing such a system; and*
- (C) *by users of such electronic systems in being able to access such data.*
- (3) *FINDINGS AND RECOMMENDATIONS.—The Administrator shall include in the strategic plan provided to Congress under paragraph (1)—*
 - (A) *a summary of the findings of the evaluation under paragraph (2); and*
 - (B) *recommendations on practicable, cost-effective methods and means that can be employed to improve the accuracy and availability of submitted data described in paragraph (1).*
- (4) *CONSULTATION.—In developing the strategic plan under paragraph (1), the Administrator may, as appropriate, consult with States or other Federal agencies that have experience using practicable methods and means to improve the accuracy and availability of submitted data described in such paragraph.*

* * * * *

CAPACITY DEVELOPMENT

SEC. 1420. (a) **STATE AUTHORITY FOR NEW SYSTEMS.**—A State shall receive only 80 percent of the allotment that the State is otherwise entitled to receive under section 1452 (relating to State loan funds) unless the State has obtained the legal authority or other means to ensure that all new community water systems and new nontransient, noncommunity water systems commencing operation after October 1, 1999, demonstrate technical, managerial, and financial capacity with respect to each national primary drinking water regulation in effect, or likely to be in effect, on the date of commencement of operations.

(b) **SYSTEMS IN SIGNIFICANT NONCOMPLIANCE.**—

(1) **LIST.**—Beginning not later than 1 year after the date of enactment of this section, each State shall prepare, periodically update, and submit to the Administrator a list of community water systems and nontransient, noncommunity water systems that have a history of significant noncompliance with this title (as defined in guidelines issued prior to the date of enactment of this section or any revisions of the guidelines that have been made in consultation with the States) and, to the extent practicable, the reasons for noncompliance.

(2) **REPORT.**—Not later than 5 years after the date of enactment of this section and as part of the capacity development strategy of the State, each State shall report to the Administrator on the success of enforcement mechanisms and initial capacity development efforts in assisting the public water systems listed under paragraph (1) to improve technical, managerial, and financial capacity.

(3) **WITHHOLDING.**—The list and report under this subsection shall be considered part of the capacity development strategy

of the State required under subsection (c) of this section for purposes of the withholding requirements of section 1452(a)(1)(G)(i) (relating to State loan funds).

(c) CAPACITY DEVELOPMENT STRATEGY.—

(1) IN GENERAL.—Beginning 4 years after the date of enactment of this section, a State shall receive only—

- (A) 90 percent in fiscal year 2001;
- (B) 85 percent in fiscal year 2002; and
- (C) 80 percent in each subsequent fiscal year,

of the allotment that the State is otherwise entitled to receive under section 1452 (relating to State loan funds), unless the State is developing and implementing a strategy to assist public water systems in acquiring and maintaining technical, managerial, and financial capacity.

(2) CONTENT.—In preparing the capacity development strategy, the State shall consider, solicit public comment on, and include as appropriate—

(A) the methods or criteria that the State will use to identify and prioritize the public water systems most in need of improving technical, managerial, and financial capacity;

(B) a description of the institutional, regulatory, financial, tax, or legal factors at the Federal, State, or local level that encourage or impair capacity development;

(C) a description of how the State will use the authorities and resources of this title or other means to—

(i) assist public water systems in complying with national primary drinking water regulations;

(ii) encourage the development of partnerships between public water systems to enhance the technical, managerial, and financial capacity of the systems; and

(iii) assist public water systems in the training and certification of operators;

(D) a description of how the State will establish a baseline and measure improvements in capacity with respect to national primary drinking water regulations and State drinking water law; and

(E) an identification of the persons that have an interest in and are involved in the development and implementation of the capacity development strategy (including all appropriate agencies of Federal, State, and local governments, private and nonprofit public water systems, and public water system customers); and

(F) a description of how the State will, as appropriate—

(i) encourage development by public water systems of asset management plans that include best practices for asset management; and

(ii) assist, including through the provision of technical assistance, public water systems in training operators or other relevant and appropriate persons in implementing such asset management plans.

(3) REPORT.—Not later than 2 years after the date on which a State first adopts a capacity development strategy under this subsection, and every 3 years thereafter, the head of the State agency that has primary responsibility to carry out this title in

the State shall submit to the Governor a report that shall also be available to the public on the efficacy of the strategy and progress made toward improving the technical, managerial, and financial capacity of public water systems in the State, *including efforts of the State to encourage development by public water systems of asset management plans and to assist public water systems in training relevant and appropriate persons in implementing such asset management plans.*

(4) REVIEW.—The decisions of the State under this section regarding any particular public water system are not subject to review by the Administrator and may not serve as the basis for withholding funds under section 1452.

(d) FEDERAL ASSISTANCE.—

(1) IN GENERAL.—The Administrator shall support the States in developing capacity development strategies.

(2) INFORMATIONAL ASSISTANCE.—

(A) IN GENERAL.—Not later than 180 days after the date of enactment of this section, the Administrator shall—

(i) conduct a review of State capacity development efforts in existence on the date of enactment of this section and publish information to assist States and public water systems in capacity development efforts; and

(ii) initiate a partnership with States, public water systems, and the public to develop information for States on recommended operator certification requirements.

(B) PUBLICATION OF INFORMATION.—The Administrator shall publish the information developed through the partnership under subparagraph (A)(ii) not later than 18 months after the date of enactment of this section.

(3) PROMULGATION OF DRINKING WATER REGULATIONS.—In promulgating a national primary drinking water regulation, the Administrator shall include an analysis of the likely effect of compliance with the regulation on the technical, financial, and managerial capacity of public water systems.

(4) GUIDANCE FOR NEW SYSTEMS.—Not later than 2 years after the date of enactment of this section, the Administrator shall publish guidance developed in consultation with the States describing legal authorities and other means to ensure that all new community water systems and new nontransient, noncommunity water systems demonstrate technical, managerial, and financial capacity with respect to national primary drinking water regulations.

(5) INFORMATION ON ASSET MANAGEMENT PRACTICES.—*Not later than 5 years after the date of enactment of this paragraph, and not less often than every 5 years thereafter, the Administrator shall review and, if appropriate, update educational materials, including handbooks, training materials, and technical information, made available by the Administrator to owners, managers, and operators of public water systems, local officials, technical assistance providers (including nonprofit water associations), and State personnel concerning best practices for asset management strategies that may be used by public water systems.*

(e) VARIANCES AND EXEMPTIONS.—Based on information obtained under subsection (c)(3), the Administrator shall, as appropriate, modify regulations concerning variances and exemptions for small public water systems to ensure flexibility in the use of the variances and exemptions. Nothing in this subsection shall be interpreted, construed, or applied to affect or alter the requirements of section 1415 or 1416.

(f) SMALL PUBLIC WATER SYSTEMS TECHNOLOGY ASSISTANCE CENTERS.—

(1) GRANT PROGRAM.—The Administrator is authorized to make grants to institutions of higher learning to establish and operate small public water system technology assistance centers in the United States.

(2) RESPONSIBILITIES OF THE CENTERS.—The responsibilities of the small public water system technology assistance centers established under this subsection shall include the conduct of training and technical assistance relating to the information, performance, and technical needs of small public water systems or public water systems that serve Indian Tribes.

(3) APPLICATIONS.—Any institution of higher learning interested in receiving a grant under this subsection shall submit to the Administrator an application in such form and containing such information as the Administrator may require by regulation.

(4) SELECTION CRITERIA.—The Administrator shall select recipients of grants under this subsection on the basis of the following criteria:

(A) The small public water system technology assistance center shall be located in a State that is representative of the needs of the region in which the State is located for addressing the drinking water needs of small and rural communities or Indian Tribes.

(B) The grant recipient shall be located in a region that has experienced problems, or may reasonably be foreseen to experience problems, with small and rural public water systems.

(C) The grant recipient shall have access to expertise in small public water system technology management.

(D) The grant recipient shall have the capability to disseminate the results of small public water system technology and training programs.

(E) The projects that the grant recipient proposes to carry out under the grant are necessary and appropriate.

(F) The grant recipient has regional support beyond the host institution.

(5) CONSORTIA OF STATES.—At least 2 of the grants under this subsection shall be made to consortia of States with low population densities.

(6) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to make grants under this subsection \$2,000,000 for each of the fiscal years 1997 through 1999, and \$5,000,000 for each of the fiscal years 2000 through 2003.

(g) ENVIRONMENTAL FINANCE CENTERS.—

(1) IN GENERAL.—The Administrator shall provide initial funding for one or more university-based environmental fi-

nance centers for activities that provide technical assistance to State and local officials in developing the capacity of public water systems. Any such funds shall be used only for activities that are directly related to this title.

(2) NATIONAL CAPACITY DEVELOPMENT CLEARINGHOUSE.—The Administrator shall establish a national public water system capacity development clearinghouse to receive and disseminate information with respect to developing, improving, and maintaining financial and managerial capacity at public water systems. The Administrator shall ensure that the clearinghouse does not duplicate other federally supported clearinghouse activities.

(3) CAPACITY DEVELOPMENT TECHNIQUES.—The Administrator may request an environmental finance center funded under paragraph (1) to develop and test managerial, financial, and institutional techniques for capacity development. The techniques may include capacity assessment methodologies, manual and computer based public water system rate models and capital planning models, public water system consolidation procedures, and regionalization models.

(4) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this subsection \$1,500,000 for each of the fiscal years 1997 through 2003.

(5) LIMITATION.—No portion of any funds made available under this subsection may be used for lobbying expenses.

* * * * *

PART D—EMERGENCY POWERS

* * * * *

øSEC. 1433. TERRORIST AND OTHER INTENTIONAL ACTS.

ø(a) VULNERABILITY ASSESSMENTS.—(1) Each community water system serving a population of greater than 3,300 persons shall conduct an assessment of the vulnerability of its system to a terrorist attack or other intentional acts intended to substantially disrupt the ability of the system to provide a safe and reliable supply of drinking water. The vulnerability assessment shall include, but not be limited to, a review of pipes and constructed conveyances, physical barriers, water collection, pretreatment, treatment, storage and distribution facilities, electronic, computer or other automated systems which are utilized by the public water system, the use, storage, or handling of various chemicals, and the operation and maintenance of such system. The Administrator, not later than August 1, 2002, after consultation with appropriate departments and agencies of the Federal Government and with State and local governments, shall provide baseline information to community water systems required to conduct vulnerability assessments regarding which kinds of terrorist attacks or other intentional acts are the probable threats to—

ø(A) substantially disrupt the ability of the system to provide a safe and reliable supply of drinking water; or

ø(B) otherwise present significant public health concerns.

ø(2) Each community water system referred to in paragraph (1) shall certify to the Administrator that the system has conducted an assessment complying with paragraph (1) and shall submit to the

Administrator a written copy of the assessment. Such certification and submission shall be made prior to:

ø(A) March 31, 2003, in the case of systems serving a population of 100,000 or more.

ø(B) December 31, 2003, in the case of systems serving a population of 50,000 or more but less than 100,000.

ø(C) June 30, 2004, in the case of systems serving a population greater than 3,300 but less than 50,000.

ø(3) Except for information contained in a certification under this subsection identifying the system submitting the certification and the date of the certification, all information provided to the Administrator under this subsection and all information derived therefrom shall be exempt from disclosure under section 552 of title 5 of the United States Code.

ø(4) No community water system shall be required under State or local law to provide an assessment described in this section to any State, regional, or local governmental entity solely by reason of the requirement set forth in paragraph (2) that the system submit such assessment to the Administrator.

ø(5) Not later than November 30, 2002, the Administrator, in consultation with appropriate Federal law enforcement and intelligence officials, shall develop such protocols as may be necessary to protect the copies of the assessments required to be submitted under this subsection (and the information contained therein) from unauthorized disclosure. Such protocols shall ensure that—

ø(A) each copy of such assessment, and all information contained in or derived from the assessment, is kept in a secure location;

ø(B) only individuals designated by the Administrator may have access to the copies of the assessments; and

ø(C) no copy of an assessment, or part of an assessment, or information contained in or derived from an assessment shall be available to anyone other than an individual designated by the Administrator.

At the earliest possible time prior to November 30, 2002, the Administrator shall complete the development of such protocols for the purpose of having them in place prior to receiving any vulnerability assessments from community water systems under this subsection.

ø(6)(A) Except as provided in subparagraph (B), any individual referred to in paragraph (5)(B) who acquires the assessment submitted under paragraph (2), or any reproduction of such assessment, or any information derived from such assessment, and who knowingly or recklessly reveals such assessment, reproduction, or information other than—

ø(i) to an individual designated by the Administrator under paragraph (5),

ø(ii) for purposes of section 1445 or for actions under section 1431, or

ø(iii) for use in any administrative or judicial proceeding to impose a penalty for failure to comply with this section,

shall upon conviction be imprisoned for not more than one year or fined in accordance with the provisions of chapter 227 of title 18, United States Code, applicable to class A misdemeanors, or both, and shall be removed from Federal office or employment.

ø(B) Notwithstanding subparagraph (A), an individual referred to in paragraph (5)(B) who is an officer or employee of the United States may discuss the contents of a vulnerability assessment submitted under this section with a State or local official.

ø(7) Nothing in this section authorizes any person to withhold any information from Congress or from any committee or subcommittee of Congress.

ø(b) EMERGENCY RESPONSE PLAN.—Each community water system serving a population greater than 3,300 shall prepare or revise, where necessary, an emergency response plan that incorporates the results of vulnerability assessments that have been completed. Each such community water system shall certify to the Administrator, as soon as reasonably possible after the enactment of this section, but not later than 6 months after the completion of the vulnerability assessment under subsection (a), that the system has completed such plan. The emergency response plan shall include, but not be limited to, plans, procedures, and identification of equipment that can be implemented or utilized in the event of a terrorist or other intentional attack on the public water system. The emergency response plan shall also include actions, procedures, and identification of equipment which can obviate or significantly lessen the impact of terrorist attacks or other intentional actions on the public health and the safety and supply of drinking water provided to communities and individuals. Community water systems shall, to the extent possible, coordinate with existing Local Emergency Planning Committees established under the Emergency Planning and Community Right-to-Know Act (42 U.S.C. 11001 et seq.) when preparing or revising an emergency response plan under this subsection.

ø(c) RECORD MAINTENANCE.—Each community water system shall maintain a copy of the emergency response plan completed pursuant to subsection (b) for 5 years after such plan has been certified to the Administrator under this section.

ø(d) GUIDANCE TO SMALL PUBLIC WATER SYSTEMS.—The Administrator shall provide guidance to community water systems serving a population of less than 3,300 persons on how to conduct vulnerability assessments, prepare emergency response plans, and address threats from terrorist attacks or other intentional actions designed to disrupt the provision of safe drinking water or significantly affect the public health or significantly affect the safety or supply of drinking water provided to communities and individuals.

ø(e) FUNDING.—(1) There are authorized to be appropriated to carry out this section not more than \$160,000,000 for the fiscal year 2002 and such sums as may be necessary for the fiscal years 2003 through 2005.

ø(2) The Administrator, in coordination with State and local governments, may use funds made available under paragraph (1) to provide financial assistance to community water systems for purposes of compliance with the requirements of subsections (a) and (b) and to community water systems for expenses and contracts designed to address basic security enhancements of critical importance and significant threats to public health and the supply of drinking water as determined by a vulnerability assessment conducted under subsection (a). Such basic security enhancements may include, but shall not be limited to the following:

- ø(A) the purchase and installation of equipment for detection of intruders;
- ø(B) the purchase and installation of fencing, gating, lighting, or security cameras;
- ø(C) the tamper-proofing of manhole covers, fire hydrants, and valve boxes;
- ø(D) the rekeying of doors and locks;
- ø(E) improvements to electronic, computer, or other automated systems and remote security systems;
- ø(F) participation in training programs, and the purchase of training manuals and guidance materials, relating to security against terrorist attacks;
- ø(G) improvements in the use, storage, or handling of various chemicals; and
- ø(H) security screening of employees or contractor support services.

Funding under this subsection for basic security enhancements shall not include expenditures for personnel costs, or monitoring, operation, or maintenance of facilities, equipment, or systems.

ø(3) The Administrator may use not more than \$5,000,000 from the funds made available under paragraph (1) to make grants to community water systems to assist in responding to and alleviating any vulnerability to a terrorist attack or other intentional acts intended to substantially disrupt the ability of the system to provide a safe and reliable supply of drinking water (including sources of water for such systems) which the Administrator determines to present an immediate and urgent security need.

ø(4) The Administrator may use not more than \$5,000,000 from the funds made available under paragraph (1) to make grants to community water systems serving a population of less than 3,300 persons for activities and projects undertaken in accordance with the guidance provided to such systems under subsection (d).z

SEC. 1433. COMMUNITY WATER SYSTEM RISK AND RESILIENCE.

(a) RISK AND RESILIENCE ASSESSMENTS.—

(1) IN GENERAL.—Each community water system serving a population of greater than 3,300 persons shall conduct an assessment of the risks to, and resilience of, its system. Such an assessment—

(A) shall include an assessment of—

- (i) the risk to the system from malevolent acts and natural hazards;*
 - (ii) the resilience of the pipes and constructed conveyances, physical barriers, source water, water collection and intake, pretreatment, treatment, storage and distribution facilities, electronic, computer, or other automated systems (including the security of such systems) which are utilized by the system;*
 - (iii) the monitoring practices of the system;*
 - (iv) the financial infrastructure of the system;*
 - (v) the use, storage, or handling of various chemicals by the system; and*
 - (vi) the operation and maintenance of the system;*
- and*

(B) may include an evaluation of capital and operational needs for risk and resilience management for the system.

(2) *BASELINE INFORMATION.*—The Administrator, not later than August 1, 2019, after consultation with appropriate departments and agencies of the Federal Government and with State and local governments, shall provide baseline information on malevolent acts of relevance to community water systems, which shall include consideration of acts that may—

(A) substantially disrupt the ability of the system to provide a safe and reliable supply of drinking water; or

(B) otherwise present significant public health or economic concerns to the community served by the system.

(3) *CERTIFICATION.*—

(A) *CERTIFICATION.*—Each community water system described in paragraph (1) shall submit to the Administrator a certification that the system has conducted an assessment complying with paragraph (1). Such certification shall be made prior to—

(i) March 31, 2020, in the case of systems serving a population of 100,000 or more;

(ii) December 31, 2020, in the case of systems serving a population of 50,000 or more but less than 100,000; and

(iii) June 30, 2021, in the case of systems serving a population greater than 3,300 but less than 50,000.

(B) *REVIEW AND REVISION.*—Each community water system described in paragraph (1) shall review the assessment of such system conducted under such paragraph at least once every 5 years after the applicable deadline for submission of its certification under subparagraph (A) to determine whether such assessment should be revised. Upon completion of such a review, the community water system shall submit to the Administrator a certification that the system has reviewed its assessment and, if applicable, revised such assessment.

(4) *CONTENTS OF CERTIFICATIONS.*—A certification required under paragraph (3) shall contain only—

(A) information that identifies the community water system submitting the certification;

(B) the date of the certification; and

(C) a statement that the community water system has conducted, reviewed, or revised the assessment, as applicable.

(5) *PROVISION TO OTHER ENTITIES.*—No community water system shall be required under State or local law to provide an assessment described in this section (or revision thereof) to any State, regional, or local governmental entity solely by reason of the requirement set forth in paragraph (3) that the system submit a certification to the Administrator.

(b) *EMERGENCY RESPONSE PLAN.*—Each community water system serving a population greater than 3,300 shall prepare or revise, where necessary, an emergency response plan that incorporates findings of the assessment conducted under subsection (a) for such system (and any revisions thereto). Each community water system shall certify to the Administrator, as soon as reasonably possible after the date of enactment of the Drinking Water System Improvement Act of 2017, but not later than 6 months after completion of the assess-

ment under subsection (a), that the system has completed such plan. The emergency response plan shall include—

(1) strategies and resources to improve the resilience of the system, including the physical security and cybersecurity of the system;

(2) plans and procedures that can be implemented, and identification of equipment that can be utilized, in the event of a malevolent act or natural hazard that threatens the ability of the community water system to deliver safe drinking water;

(3) actions, procedures, and equipment which can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to communities and individuals, including the development of alternative source water options, relocation of water intakes, and construction of flood protection barriers; and

(4) strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.

(c) **COORDINATION.**—Community water systems shall, to the extent possible, coordinate with existing local emergency planning committees established pursuant to the Emergency Planning and Community Right-To-Know Act of 1986 (42 U.S.C. 11001 et seq.) when preparing or revising an assessment or emergency response plan under this section.

(d) **RECORD MAINTENANCE.**—Each community water system shall maintain a copy of the assessment conducted under subsection (a) and the emergency response plan prepared under subsection (b) (including any revised assessment or plan) for 5 years after the date on which a certification of such assessment or plan is submitted to the Administrator under this section.

(e) **GUIDANCE TO SMALL PUBLIC WATER SYSTEMS.**—The Administrator shall provide guidance and technical assistance to community water systems serving a population of less than 3,300 persons on how to conduct resilience assessments, prepare emergency response plans, and address threats from malevolent acts and natural hazards that threaten to disrupt the provision of safe drinking water or significantly affect the public health or significantly affect the safety or supply of drinking water provided to communities and individuals.

(f) **ALTERNATIVE PREPAREDNESS AND OPERATIONAL RESILIENCE PROGRAMS.**—

(1) **SATISFACTION OF REQUIREMENT.**—A community water system that is required to comply with the requirements of subsections (a) and (b) may satisfy such requirements by—

(A) using and complying with technical standards that the Administrator has recognized under paragraph (2); and

(B) submitting to the Administrator a certification that the community water system is complying with subparagraph (A).

(2) **AUTHORITY TO RECOGNIZE.**—Consistent with section 12(d) of the National Technology Transfer and Advancement Act of 1995, the Administrator shall recognize technical standards that are developed or adopted by third-party organizations or voluntary consensus standards bodies that carry out the objec-

tives or activities required by this section as a means of satisfying the requirements under subsection (a) or (b).

(g) **TECHNICAL ASSISTANCE AND GRANTS.**—

(1) **IN GENERAL.**—The Administrator shall establish and implement a program, to be known as the Drinking Water Infrastructure Risk and Resilience Program, under which the Administrator may award grants in each of fiscal years 2018 through 2022 to owners or operators of community water systems for the purpose of increasing the resilience of such community water systems.

(2) **USE OF FUNDS.**—As a condition on receipt of a grant under this section, an owner or operator of a community water system shall agree to use the grant funds exclusively to assist in the planning, design, construction, or implementation of a program or project consistent with an emergency response plan prepared pursuant to subsection (b), which may include—

(A) the purchase and installation of equipment for detection of drinking water contaminants or malevolent acts;

(B) the purchase and installation of fencing, gating, lighting, or security cameras;

(C) the tamper-proofing of manhole covers, fire hydrants, and valve boxes;

(D) the purchase and installation of improved treatment technologies and equipment to improve the resilience of the system;

(E) improvements to electronic, computer, financial, or other automated systems and remote systems;

(F) participation in training programs, and the purchase of training manuals and guidance materials, relating to security and resilience;

(G) improvements in the use, storage, or handling of chemicals by the community water system;

(H) security screening of employees or contractor support services;

(I) equipment necessary to support emergency power or water supply, including standby and mobile sources; and

(J) the development of alternative source water options, relocation of water intakes, and construction of flood protection barriers.

(3) **EXCLUSIONS.**—A grant under this subsection may not be used for personnel costs, or for monitoring, operation, or maintenance of facilities, equipment, or systems.

(4) **TECHNICAL ASSISTANCE.**—For each fiscal year, the Administrator may use not more than \$5,000,000 from the funds made available to carry out this subsection to provide technical assistance to community water systems to assist in responding to and alleviating a vulnerability that would substantially disrupt the ability of the system to provide a safe and reliable supply of drinking water (including sources of water for such systems) which the Administrator determines to present an immediate and urgent need.

(5) **GRANTS FOR SMALL SYSTEMS.**—For each fiscal year, the Administrator may use not more than \$10,000,000 from the funds made available to carry out this subsection to make grants to community water systems serving a population of less

than 3,300 persons, or nonprofit organizations receiving assistance under section 1442(e), for activities and projects undertaken in accordance with the guidance provided to such systems under subsection (e) of this section.

(6) *AUTHORIZATION OF APPROPRIATIONS.*—To carry out this subsection, there are authorized to be appropriated \$35,000,000 for each of fiscal years 2018 through 2022.

(h) *DEFINITIONS.*—In this section—

(1) the term “resilience” means the ability of a community water system or an asset of a community water system to adapt to or withstand the effects of a malevolent act or natural hazard without interruption to the asset’s or system’s function, or if the function is interrupted, to rapidly return to a normal operating condition; and

(2) the term “natural hazard” means a natural event that threatens the functioning of a community water system, including an earthquake, tornado, flood, hurricane, wildfire, and hydrologic changes.

* * * * *

PART E—GENERAL PROVISIONS

* * * * *

GRANTS FOR STATE PROGRAMS

SEC. 1443. (a)(1) From allotments made pursuant to paragraph (4), the Administrator may make grants to States to carry out public water system supervision programs.

(2) No grant may be made under paragraph (1) unless an application therefor has been submitted to the Administrator in such form and manner as he may require. The Administrator may not approve an application of a State for its first grant under paragraph (1) unless he determines that the State—

(A) has established or will establish within one year from the date of such grant a public water system supervision program, and

(B) will, within that one year, assume primary enforcement responsibility for public water systems within the State.

No grant may be made to a State under paragraph (1) for any period beginning more than one year after the date of the State’s first grant unless the State has assumed and maintains primary enforcement responsibility for public water systems within the State. The prohibitions contained in the preceding two sentences shall not apply to such grants when made to Indian Tribes.

(3) A grant under paragraph (1) shall be made to cover not more than 75 per centum of the grant recipient’s costs (as determined under regulations of the Administrator) in carrying out, during the one-year period beginning on the date the grant is made, a public water system supervision program.

(4) In each fiscal year the Administrator shall, in accordance with regulations, allot the sums appropriated for such year under paragraph (5) among the States on the basis of population, geographical area, number of public water systems, and other relevant factors. No State shall receive less than 1 per centum of the annual appropriation for grants under paragraph (1): *Provided*, That the

Administrator may, by regulation, reduce such percentage in accordance with the criteria specified in this paragraph: *And provided further*, That such percentage shall not apply to grants allotted to Guam, American Samoa, or the Virgin Islands.

(5) The prohibition contained in the last sentence of paragraph (2) may be waived by the Administrator with respect to a grant to a State through fiscal year 1979 but such prohibition may only be waived if, in the judgment of the Administrator—

(A) the State is making a diligent effort to assume and maintain primary enforcement responsibility for public water systems within the State;

(B) the State has made significant progress toward assuming and maintaining such primary enforcement responsibility; and

(C) there is reason to believe the State will assume such primary enforcement responsibility by October 1, 1979.

The amount of any grant awarded for the fiscal years 1978 and 1979 pursuant to a waiver under this paragraph may not exceed 75 per centum of the allotment which the State would have received for such fiscal year if it had assumed and maintained such primary enforcement responsibility. The remaining 25 per centum of the amount allotted to such State for such fiscal year shall be retained by the Administrator, and the Administrator may award such amount to such State at such time as the State assumes such responsibility before the beginning of fiscal year 1980. At the beginning of each fiscal years 1979 and 1980 the amounts retained by the Administrator for any preceding fiscal year and not awarded by the beginning of fiscal year 1979 or 1980 to the States to which such amounts were originally allotted may be removed from the original allotment and reallocated for fiscal year 1979 or 1980 (as the case may be) to States which have assumed primary enforcement responsibility by the beginning of such fiscal year.

(6) The Administrator shall notify the State of the approval or disapproval of any application for a grant under this section—

(A) within ninety days after receipt of such application, or

(B) not later than the first day of the fiscal year for which the grant application is made, whichever is later.

(7) *AUTHORIZATION.*—For the purpose of making grants under paragraph (1), there are authorized to be appropriated \$100,000,000 for each of fiscal years 1997 through 2003; \$150,000,000 for each of fiscal years 2018 through 2022.

(8) *RESERVATION OF FUNDS BY THE ADMINISTRATOR.*—If the Administrator assumes the primary enforcement responsibility of a State public water system supervision program, the Administrator may reserve from funds made available pursuant to this subsection an amount equal to the amount that would otherwise have been provided to the State pursuant to this subsection. The Administrator shall use the funds reserved pursuant to this paragraph to ensure the full and effective administration of a public water system supervision program in the State.

(9) *STATE LOAN FUNDS.*—

(A) *RESERVATION OF FUNDS.*—For any fiscal year for which the amount made available to the Administrator by appropriations to carry out this subsection is less than the amount that the Administrator determines is necessary to

supplement funds made available pursuant to paragraph (8) to ensure the full and effective administration of a public water system supervision program in a State, the Administrator may reserve from the funds made available to the State under section 1452 (relating to State loan funds) an amount that is equal to the amount of the shortfall. This paragraph shall not apply to any State not exercising primary enforcement responsibility for public water systems as of the date of enactment of the Safe Drinking Water Act Amendments of 1996.

(B) DUTY OF ADMINISTRATOR.—If the Administrator reserves funds from the allocation of a State under subparagraph (A), the Administrator shall carry out in the State each of the activities that would be required of the State if the State had primary enforcement authority under section 1413.

(b)(1) From allotments made pursuant to paragraph (4), the Administrator may make grants to States to carry out underground water source protection programs.

(2) No grant may be made under paragraph (1) unless an application therefor has been submitted to the Administrator in such form and manner as he may require. No grant may be made to any State under paragraph (1) unless the State has assumed primary enforcement responsibility within two years after the date the Administrator promulgates regulations for State underground injection control programs under section 1421. The prohibition contained in the preceding sentence shall not apply to such grants when made to Indian Tribes.

(3) A grant under paragraph (1) shall be made to cover not more than 75 per centum of the grant recipient's costs (as determined under regulations of the Administrator) in carrying out, during the one-year period beginning on the date the grant is made, an underground water source protection program.

(4) In each fiscal year the Administrator shall, in accordance with regulations, allot the sums appropriated for such year under paragraph (5) among the States on the basis of population, geographical area, and other relevant factors.

(5) For purposes of making grants under paragraph (1) there are authorized to be appropriated \$5,000,000 for the fiscal year ending June 30, 1976, \$7,500,000 for the fiscal year ending June 30, 1977, \$10,000,000 for each of the fiscal years 1978 and 1979, \$7,795,000 for the fiscal year ending September 30, 1980, \$18,000,000 for the fiscal year ending September 30, 1981, and \$21,000,000 for the fiscal year ending September 30, 1982. For the purpose of making grants under paragraph (1) there are authorized to be appropriated not more than the following amounts:

Fiscal year:

	<i>Amount</i>
1987	\$19,700,000
1988	19,700,000
1989	20,850,000
1990	20,850,000
1991	20,850,000
1992–2003	15,000,000.

(c) For purposes of this section:

(1) The term "public water system supervision program" means a program for the adoption and enforcement of drinking water regulations (with such variances and exemptions from such regulations under conditions and in a manner which is not less stringent than the conditions under, and the manner in, which variances and exemptions may be granted under sections 1415 and 1416) which are no less stringent than the national primary drinking water regulations under section 1412, and for keeping records and making reports required by section 1413(a)(3).

(2) The term "underground water source protection program" means a program for the adoption and enforcement of a program which meets the requirements of regulations under section 1421 and for keeping records and making reports required by section 1422(b)(1)(A)(ii). Such term includes, where applicable, a program which meets the requirements of section 1425.

(d) NEW YORK CITY WATERSHED PROTECTION PROGRAM.—

(1) IN GENERAL.—The Administrator is authorized to provide financial assistance to the State of New York for demonstration projects implemented as part of the watershed program for the protection and enhancement of the quality of source waters of the New York City water supply system, including projects that demonstrate, assess, or provide for comprehensive monitoring and surveillance and projects necessary to comply with the criteria for avoiding filtration contained in 40 CFR 141.71. Demonstration projects which shall be eligible for financial assistance shall be certified to the Administrator by the State of New York as satisfying the purposes of this subsection. In certifying projects to the Administrator, the State of New York shall give priority to monitoring projects that have undergone peer review.

(2) REPORT.—Not later than 5 years after the date on which the Administrator first provides assistance pursuant to this paragraph, the Governor of the State of New York shall submit a report to the Administrator on the results of projects assisted.

(3) MATCHING REQUIREMENTS.—Federal assistance provided under this subsection shall not exceed 50 percent of the total cost of the protection program being carried out for any particular watershed or ground water recharge area.

(4) AUTHORIZATION.—There are authorized to be appropriated to the Administrator to carry out this subsection for each of fiscal years 2003 through 2010, \$15,000,000 for the purpose of providing assistance to the State of New York to carry out paragraph (1).

* * * * *

RECORDS AND INSPECTIONS

SEC. 1445. (a)(1)(A) Every person who is subject to any requirement of this title or who is a grantee, shall establish and maintain such records, make such reports, conduct such monitoring, and provide such information as the Administrator may reasonably require by regulation to assist the Administrator in establishing regulations under this title, in determining whether such person has

acted or is acting in compliance with this title, in administering any program of financial assistance under this title, in evaluating the health risks of unregulated contaminants, or in advising the public of such risks. In requiring a public water system to monitor under this subsection, the Administrator may take into consideration the system size and the contaminants likely to be found in the system's drinking water.

(B) Every person who is subject to a national primary drinking water regulation under section 1412 shall provide such information as the Administrator may reasonably require, after consultation with the State in which such person is located if such State has primary enforcement responsibility for public water systems, on a case-by-case basis, to determine whether such person has acted or is acting in compliance with this title.

(C) Every person who is subject to a national primary drinking water regulation under section 1412 shall provide such information as the Administrator may reasonably require to assist the Administrator in establishing regulations under section 1412 of this title, after consultation with States and suppliers of water. The Administrator may not require under this subparagraph the installation of treatment equipment or process changes, the testing of treatment technology, or the analysis or processing of monitoring samples, except where the Administrator provides the funding for such activities. Before exercising this authority, the Administrator shall first seek to obtain the information by voluntary submission.

(D) The Administrator shall not later than 2 years after the date of enactment of this subparagraph, after consultation with public health experts, representatives of the general public, and officials of State and local governments, review the monitoring requirements for not fewer than 12 contaminants identified by the Administrator, and promulgate any necessary modifications.

(2) MONITORING PROGRAM FOR UNREGULATED CONTAMINANTS.—

(A) ESTABLISHMENT.—The Administrator shall promulgate regulations establishing the criteria for a monitoring program for unregulated contaminants. The regulations shall require monitoring of drinking water supplied by public water systems and shall vary the frequency and schedule for monitoring requirements for systems based on the number of persons served by the system, the source of supply, and the contaminants likely to be found, ensuring that only a representative sample of systems serving 10,000 persons or fewer are required to monitor.

(B) MONITORING PROGRAM FOR CERTAIN UNREGULATED CONTAMINANTS.—

(i) INITIAL LIST.—Not later than 3 years after the date of enactment of the Safe Drinking Water Act Amendments of 1996 and every 5 years thereafter, the Administrator shall issue a list pursuant to subparagraph (A) of not more than 30 unregulated contaminants to be monitored by public water systems and to be included in the national drinking water occurrence data base maintained pursuant to subsection (g).

(ii) GOVERNORS' PETITION.—The Administrator shall include among the list of contaminants for which mon-

itoring is required under this paragraph each contaminant recommended in a petition signed by the Governor of each of 7 or more States, unless the Administrator determines that the action would prevent the listing of other contaminants of a higher public health concern.

(C) MONITORING PLAN FOR SMALL AND MEDIUM SYSTEMS.—

(i) IN GENERAL.—Based on the regulations promulgated by the Administrator, each State may develop a representative monitoring plan to assess the occurrence of unregulated contaminants in public water systems that serve a population of 10,000 or fewer in that State. The plan shall require monitoring for systems representative of different sizes, types, and geographic locations in the State.

(ii) GRANTS FOR SMALL SYSTEM COSTS.—From funds reserved under section 1452(o) or appropriated under subparagraph (H), the Administrator shall pay the reasonable cost of such testing and laboratory analysis as are necessary to carry out monitoring under the plan.

(D) MONITORING RESULTS.—Each public water system that conducts monitoring of unregulated contaminants pursuant to this paragraph shall provide the results of the monitoring to the primary enforcement authority for the system.

(E) NOTIFICATION.—Notification of the availability of the results of monitoring programs required under paragraph (2)(A) shall be given to the persons served by the system.

(F) WAIVER OF MONITORING REQUIREMENT.—The Administrator shall waive the requirement for monitoring for a contaminant under this paragraph in a State, if the State demonstrates that the criteria for listing the contaminant do not apply in that State.

(G) ANALYTICAL METHODS.—The State may use screening methods approved by the Administrator under subsection (i) in lieu of monitoring for particular contaminants under this paragraph.

(H) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this paragraph \$10,000,000 for each of the fiscal years 1997 through 2003, 2018 through 2022.

(b)(1) Except as provided in paragraph (2), the Administrator, or representatives of the Administrator duly designated by him, upon presenting appropriate credentials and a written notice to any supplier of water or other person subject to (A) a national primary drinking water regulation prescribed under section 1412, (B) an applicable underground injection control program, or (C) any requirement to monitor an unregulated contaminant pursuant to subsection (a), or person in charge of any of the property of such supplier or other person referred to in clause (A), (B), or (C), is authorized to enter any establishment, facility, or other property of such supplier or other person in order to determine whether such supplier or other person has acted or is acting in compliance with this

title, including for this purpose, inspection, at reasonable times, of records, files, papers, processes, controls, and facilities, or in order to test any feature of a public water system, including its raw water source. The Administrator or the Comptroller General (or any representative designated by either) shall have access for the purpose of audit and examination to any records, reports, or information of a grantee which are required to be maintained under subsection (a) or which are pertinent to any financial assistance under this title.

(2) No entry may be made under the first sentence of paragraph (1) in an establishment, facility, or other property of a supplier of water or other person subject to a national primary drinking water regulation if the establishment, facility, or other property is located in a State which has primary enforcement responsibility for public water systems unless, before written notice of such entry is made, the Administrator (or his representative) notifies the State agency charged with responsibility for safe drinking water of the reasons for such entry. The Administrator shall, upon a showing by the State agency that such an entry will be detrimental to the administration of the State's program of primary enforcement responsibility, take such showing into consideration in determining whether to make such entry. No State agency which receives notice under this paragraph of an entry proposed to be made under paragraph (1) may use the information contained in the notice to inform the person whose property is proposed to be entered of the proposed entry; and if a State agency so uses such information, notice to the agency under this paragraph is not required until such time as the Administrator determines the agency has provided him satisfactory assurances that it will no longer so use information contained in a notice under this paragraph.

(c) Whoever fails or refuses to comply with any requirement of subsection (a) or to allow the Administrator, the Comptroller General, or representatives of either, to enter and conduct any audit or inspection authorized by subsection (b) shall be subject to a civil penalty of not to exceed \$25,000.

(d)(1) Subject to paragraph (2), upon a showing satisfactory to the Administrator by any person that any information required under this section from such person, if made public, would divulge trade secrets or secret processes of such person, the Administrator shall consider such information confidential in accordance with the purposes of section 1905 of title 18 of the United States Code. If the applicant fails to make a showing satisfactory to the Administrator, the Administrator shall give such applicant thirty days' notice before releasing the information to which the application relates (unless the public health or safety requires an earlier release of such information).

(2) Any information required under this section (A) may be disclosed to other officers, employees, or authorized representatives of the United States concerned with carrying out this title or to committees of the Congress, or when relevant in any proceeding under this title, and (B) shall be disclosed to the extent it deals with the level of contaminants in drinking water. For purposes of this subsection the term "information required under this section" means any papers, books, documents, or information, or any particular

part thereof, reported to or otherwise obtained by the Administrator under this section.

(e) For purposes of this section, (1) the term "grantee" means any person who applies for or receives financial assistance, by grant, contract, or loan guarantee under this title, and (2) the term "person" includes a Federal agency.

(f) INFORMATION REGARDING DRINKING WATER COOLERS.—The Administrator may utilize the authorities of this section for purposes of part F. Any person who manufactures, imports, sells, or distributes drinking water coolers in interstate commerce shall be treated as a supplier of water for purposes of applying the provisions of this section in the case of persons subject to part F.

(g) OCCURRENCE DATA BASE.—

(1) IN GENERAL.—Not later than 3 years after the date of enactment of the Safe Drinking Water Act Amendments of 1996, the Administrator shall assemble and maintain a national drinking water contaminant occurrence data base, using information on the occurrence of both regulated and unregulated contaminants in public water systems obtained under subsection (a)(1)(A) or subsection (a)(2) and reliable information from other public and private sources.

(2) PUBLIC INPUT.—In establishing the occurrence data base, the Administrator shall solicit recommendations from the Science Advisory Board, the States, and other interested parties concerning the development and maintenance of a national drinking water contaminant occurrence data base, including such issues as the structure and design of the data base, data input parameters and requirements, and the use and interpretation of data.

(3) USE.—The data shall be used by the Administrator in making determinations under section 1412(b)(1) with respect to the occurrence of a contaminant in drinking water at a level of public health concern.

(4) PUBLIC RECOMMENDATIONS.—The Administrator shall periodically solicit recommendations from the appropriate officials of the National Academy of Sciences and the States, and any person may submit recommendations to the Administrator, with respect to contaminants that should be included in the national drinking water contaminant occurrence data base, including recommendations with respect to additional unregulated contaminants that should be listed under subsection (a)(2). Any recommendation submitted under this clause shall be accompanied by reasonable documentation that—

(A) the contaminant occurs or is likely to occur in drinking water; and

(B) the contaminant poses a risk to public health.

(5) PUBLIC AVAILABILITY.—The information from the data base shall be available to the public in readily accessible form.

(6) REGULATED CONTAMINANTS.—With respect to each contaminant for which a national primary drinking water regulation has been established, the data base shall include information on the detection of the contaminant at a quantifiable level in public water systems (including detection of the contaminant at levels not constituting a violation of the maximum contaminant level for the contaminant).

(7) UNREGULATED CONTAMINANTS.—With respect to contaminants for which a national primary drinking water regulation has not been established, the data base shall include—

(A) monitoring information collected by public water systems that serve a population of more than 10,000, as required by the Administrator under subsection (a);

(B) monitoring information collected from a representative sampling of public water systems that serve a population of 10,000 or fewer; and

(C) if applicable, monitoring information collected by public water systems pursuant to subsection (j) that is not duplicative of monitoring information included in the data base under subparagraph (B) or (D); and

(D) other reliable and appropriate monitoring information on the occurrence of the contaminants in public water systems that is available to the Administrator.

(h) AVAILABILITY OF INFORMATION ON SMALL SYSTEM TECHNOLOGIES.—For purposes of sections 1412(b)(4)(E) and 1415(e) (relating to small system variance program), the Administrator may request information on the characteristics of commercially available treatment systems and technologies, including the effectiveness and performance of the systems and technologies under various operating conditions. The Administrator may specify the form, content, and submission date of information to be submitted by manufacturers, States, and other interested persons for the purpose of considering the systems and technologies in the development of regulations or guidance under sections 1412(b)(4)(E) and 1415(e).

(i) SCREENING METHODS.—The Administrator shall review new analytical methods to screen for regulated contaminants and may approve such methods as are more accurate or cost-effective than established reference methods for use in compliance monitoring.

(j) MONITORING BY CERTAIN SYSTEMS.—

(1) IN GENERAL.—Notwithstanding subsection (a)(2)(A), the Administrator shall, subject to the availability of appropriations for such purpose—

(A) require public water systems serving between 3,300 and 10,000 persons to monitor for unregulated contaminants in accordance with this section; and

(B) ensure that only a representative sample of public water systems serving less than 3,300 persons are required to monitor.

(2) EFFECTIVE DATE.—Paragraph (1) shall take effect 3 years after the date of enactment of this subsection.

(3) LIMITATION.—Paragraph (1) shall take effect unless the Administrator determines that there is not sufficient laboratory capacity to accommodate the analysis necessary to carry out monitoring required under such paragraph.

(4) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated \$15,000,000 in each fiscal year for which monitoring is required to be carried out under this subsection for the Administrator to pay the reasonable cost of such testing and laboratory analysis as are necessary to carry out monitoring required under this subsection.

* * * * *

STATE REVOLVING LOAN FUNDS

SEC. 1452. (a) GENERAL AUTHORITY.—

(1) GRANTS TO STATES TO ESTABLISH STATE LOAN FUNDS.—

(A) IN GENERAL.—The Administrator shall offer to enter into agreements with eligible States to make capitalization grants, including letters of credit, to the States under this subsection to further the health protection objectives of this title, promote the efficient use of fund resources, and for other purposes as are specified in this title.

(B) ESTABLISHMENT OF FUND.—To be eligible to receive a capitalization grant under this section, a State shall establish a drinking water treatment revolving loan fund (referred to in this section as a “State loan fund”) and comply with the other requirements of this section. Each grant to a State under this section shall be deposited in the State loan fund established by the State, except as otherwise provided in this section and in other provisions of this title. No funds authorized by other provisions of this title to be used for other purposes specified in this title shall be deposited in any State loan fund.

(C) EXTENDED PERIOD.—The grant to a State shall be available to the State for obligation during the fiscal year for which the funds are authorized and during the following fiscal year, except that grants made available from funds provided prior to fiscal year 1997 shall be available for obligation during each of the fiscal years 1997 and 1998.

(D) ALLOTMENT FORMULA.—Except as otherwise provided in this section, funds made available to carry out this section shall be allotted to States that have entered into an agreement pursuant to this section (other than the District of Columbia) in accordance with—

(i) for each of fiscal years 1995 through 1997, a formula that is the same as the formula used to distribute public water system supervision grant funds under section 1443 in fiscal year 1995, except that the minimum proportionate share established in the formula shall be 1 percent of available funds and the formula shall be adjusted to include a minimum proportionate share for the State of Wyoming and the District of Columbia; and

(ii) for fiscal year 1998 and each subsequent fiscal year, a formula that allocates to each State the proportional share of the State needs identified in the most recent survey conducted pursuant to subsection (h), except that the minimum proportionate share provided to each State shall be the same as the minimum proportionate share provided under clause (i).

(E) REALLOTMENT.—The grants not obligated by the last day of the period for which the grants are available shall be reallocated according to the appropriate criteria set forth in subparagraph (D), except that the Administrator may reserve and allocate 10 percent of the remaining amount for financial assistance to Indian Tribes in addition to the

amount allotted under subsection (i) and none of the funds reallocated by the Administrator shall be reallocated to any State that has not obligated all sums allotted to the State pursuant to this section during the period in which the sums were available for obligation.

(F) NONPRIMACY STATES.—The State allotment for a State not exercising primary enforcement responsibility for public water systems shall not be deposited in any such fund but shall be allotted by the Administrator under this subparagraph. Pursuant to section 1443(a)(9)(A) such sums allotted under this subparagraph shall be reserved as needed by the Administrator to exercise primary enforcement responsibility under this title in such State and the remainder shall be reallocated to States exercising primary enforcement responsibility for public water systems for deposit in such funds. Whenever the Administrator makes a final determination pursuant to section 1413(b) that the requirements of section 1413(a) are no longer being met by a State, additional grants for such State under this title shall be immediately terminated by the Administrator. This subparagraph shall not apply to any State not exercising primary enforcement responsibility for public water systems as of the date of enactment of the Safe Drinking Water Act Amendments of 1996.

(G) OTHER PROGRAMS.—

(i) NEW SYSTEM CAPACITY.—Beginning in fiscal year 1999, the Administrator shall withhold 20 percent of each capitalization grant made pursuant to this section to a State unless the State has met the requirements of section 1420(a) (relating to capacity development) and shall withhold 10 percent for fiscal year 2001, 15 percent for fiscal year 2002, and 20 percent for fiscal year 2003 if the State has not complied with the provisions of section 1420(c) (relating to capacity development strategies). Not more than a total of 20 percent of the capitalization grants made to a State in any fiscal year may be withheld under the preceding provisions of this clause. All funds withheld by the Administrator pursuant to this clause shall be reallocated by the Administrator on the basis of the same ratio as is applicable to funds allotted under subparagraph (D). None of the funds reallocated by the Administrator pursuant to this paragraph shall be allotted to a State unless the State has met the requirements of section 1420 (relating to capacity development).

(ii) OPERATOR CERTIFICATION.—The Administrator shall withhold 20 percent of each capitalization grant made pursuant to this section unless the State has met the requirements of 1419 (relating to operator certification). All funds withheld by the Administrator pursuant to this clause shall be reallocated by the Administrator on the basis of the same ratio as applicable to funds allotted under subparagraph (D). None of the funds reallocated by the Administrator pursuant to this paragraph shall be allotted to a State unless the

State has met the requirements of section 1419 (relating to operator certification).

(2) USE OF FUNDS.—

(A) IN GENERAL.—Except as otherwise authorized by this title, amounts deposited in a State loan fund, including loan repayments and interest earned on such amounts, shall be used only for providing loans or loan guarantees, or as a source of reserve and security for leveraged loans, the proceeds of which are deposited in a State loan fund established under paragraph (1), or other financial assistance authorized under this section to community water systems and nonprofit noncommunity water systems, other than systems owned by Federal agencies.

(B) LIMITATION.—Financial assistance under this section may be used by a public water system only for expenditures ~~(including expenditures for planning, design, and associated preconstruction activities, including activities relating to the siting of the facility, but not~~ *(including expenditures for planning, design, siting, and associated preconstruction activities, or for replacing or rehabilitating aging treatment, storage, or distribution facilities of public water systems, but not* including monitoring, operation, and maintenance expenditures) of a type or category which the Administrator has determined, through guidance, will facilitate compliance with national primary drinking water regulations applicable to the system under section 1412 or otherwise significantly further the health protection objectives of this title.

(C) SALE OF BONDS.—Funds may also be used by a public water system as a source of revenue (restricted solely to interest earnings of the applicable State loan fund) or security for payment of the principal and interest on revenue or general obligation bonds issued by the State to provide matching funds under subsection (e), if the proceeds of the sale of the bonds will be deposited in the State loan fund.

(D) WATER TREATMENT LOANS.—The funds under this section may also be used to provide loans to a system referred to in section 1401(4)(B) for the purpose of providing the treatment described in section 1401(4)(B)(i)(III).

(E) ACQUISITION OF REAL PROPERTY.—The funds under this section shall not be used for the acquisition of real property or interests therein, unless the acquisition is integral to a project authorized by this paragraph and the purchase is from a willing seller.

(F) LOAN ASSISTANCE.—Of the amount credited to any State loan fund established under this section in any fiscal year, 15 percent shall be available solely for providing loan assistance to public water systems which regularly serve fewer than 10,000 persons to the extent such funds can be obligated for eligible projects of public water systems.

(3) LIMITATION.—

(A) IN GENERAL.—Except as provided in subparagraph (B), no assistance under this section shall be provided to a public water system that—

(i) does not have the technical, managerial, and financial capability to ensure compliance with the requirements of this title; or

(ii) is in significant noncompliance with any requirement of a national primary drinking water regulation or variance.

(B) RESTRUCTURING.—A public water system described in subparagraph (A) may receive assistance under this section if—

(i) the use of the assistance will ensure compliance; and

(ii) if subparagraph (A)(i) applies to the system, the owner or operator of the system agrees to undertake feasible and appropriate changes in operations (including ownership, management, accounting, rates, maintenance, consolidation, alternative water supply, or other procedures) if the State determines that the measures are necessary to ensure that the system has the technical, managerial, and financial capability to comply with the requirements of this title over the long term.

(C) REVIEW.—Prior to providing assistance under this section to a public water system that is in significant noncompliance with any requirement of a national primary drinking water regulation or variance, the State shall conduct a review to determine whether subparagraph (A)(i) applies to the system.

(4) AMERICAN IRON AND STEEL PRODUCTS.—

(A) IN GENERAL.—During ~~the~~ fiscal year 2017, *fiscal years 2018 through 2022*, funds made available from a State loan fund established pursuant to this section may not be used for a project for the construction, alteration, or repair of a public water system unless all of the iron and steel products used in the project are produced in the United States.

(B) DEFINITION OF IRON AND STEEL PRODUCTS.—In this paragraph, the term “iron and steel products” means the following products made primarily of iron or steel:

- (i) Lined or unlined pipes and fittings.
- (ii) Manhole covers and other municipal castings.
- (iii) Hydrants.
- (iv) Tanks.
- (v) Flanges.
- (vi) Pipe clamps and restraints.
- (vii) Valves.
- (viii) Structural steel.
- (ix) Reinforced precast concrete.
- (x) Construction materials.

(C) APPLICATION.—Subparagraph (A) shall be waived in any case or category of cases in which the Administrator finds that—

- (i) applying subparagraph (A) would be inconsistent with the public interest;

(ii) iron and steel products are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or

(iii) inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent.

(D) **WAIVER.**—If the Administrator receives a request for a waiver under this paragraph, the Administrator shall make available to the public, on an informal basis, a copy of the request and information available to the Administrator concerning the request, and shall allow for informal public input on the request for at least 15 days prior to making a finding based on the request. The Administrator shall make the request and accompanying information available by electronic means, including on the official public Internet site of the Agency.

(E) **INTERNATIONAL AGREEMENTS.**—This paragraph shall be applied in a manner consistent with United States obligations under international agreements.

(F) **MANAGEMENT AND OVERSIGHT.**—The Administrator may retain up to 0.25 percent of the funds appropriated for this section for management and oversight of the requirements of this paragraph.

(G) **EFFECTIVE DATE.**—This paragraph does not apply with respect to a project if a State agency approves the engineering plans and specifications for the project, in that agency's capacity to approve such plans and specifications prior to a project requesting bids, prior to the date of enactment of this paragraph.

(5) **EVALUATION.**—*During fiscal years 2018 through 2022, a State may provide financial assistance under this section to a public water system serving a population of more than 10,000 for an expenditure described in paragraph (2) only if the public water system—*

(A) considers the cost and effectiveness of relevant processes, materials, techniques, and technologies for carrying out the project or activity that is the subject of the expenditure; and

(B) certifies to the State, in a form and manner determined by the State, that the public water system has made such consideration.

(6) **PREVAILING WAGES.**—*The requirements of section 1450(e) shall apply to any construction project carried out in whole or in part with assistance made available by a drinking water treatment revolving loan fund.*

(b) **INTENDED USE PLANS.**—

(1) **IN GENERAL.**—After providing for public review and comment, each State that has entered into a capitalization agreement pursuant to this section shall annually prepare a plan that identifies the intended uses of the amounts available to the State loan fund of the State.

(2) **CONTENTS.**—An intended use plan shall include—

(A) a list of the projects to be assisted in the first fiscal year that begins after the date of the plan, including a de-

scription of the project, the expected terms of financial assistance, and the size of the community served;

(B) the criteria and methods established for the distribution of funds; and

(C) a description of the financial status of the State loan fund and the short-term and long-term goals of the State loan fund.

(3) USE OF FUNDS.—

(A) IN GENERAL.—An intended use plan shall provide, to the maximum extent practicable, that priority for the use of funds be given to projects that—

(i) address the most serious risk to human health;

(ii) are necessary to ensure compliance with the requirements of this title (including requirements for filtration); and

(iii) assist systems most in need on a per household basis according to State affordability criteria.

(B) LIST OF PROJECTS.—Each State shall, after notice and opportunity for public comment, publish and periodically update a list of projects in the State that are eligible for assistance under this section, including the priority assigned to each project and, to the extent known, the expected funding schedule for each project.

(c) FUND MANAGEMENT.—Each State loan fund under this section shall be established, maintained, and credited with repayments and interest. The fund corpus shall be available in perpetuity for providing financial assistance under this section. To the extent amounts in the fund are not required for current obligation or expenditure, such amounts shall be invested in interest bearing obligations.

(d) ASSISTANCE FOR DISADVANTAGED COMMUNITIES.—

(1) LOAN SUBSIDY.—Notwithstanding any other provision of this section, in any case in which the State makes a loan pursuant to subsection (a)(2) to a disadvantaged community or to a community that the State expects to become a disadvantaged community as the result of a proposed project, the State may provide additional subsidization (including forgiveness of principal).

(2) TOTAL AMOUNT OF SUBSIDIES.—For each fiscal year, the total amount of loan subsidies made by a State pursuant to paragraph (1) may not exceed 30 percent of the amount of the capitalization grant received by the State for the year.

(2) TOTAL AMOUNT OF SUBSIDIES.—For each fiscal year, of the amount of the capitalization grant received by the State for the year, the total amount of loan subsidies made by a State pursuant to paragraph (1)—

(A) may not exceed 35 percent; and

(B) to the extent that there are sufficient applications for loans to communities described in paragraph (1), may not be less than 6 percent.

(3) DEFINITION OF DISADVANTAGED COMMUNITY.—In this subsection, the term “disadvantaged community” means the service area of a public water system that meets affordability criteria established after public review and comment by the State in which the public water system is located. The Administrator

may publish information to assist States in establishing affordability criteria.

(e) STATE CONTRIBUTION.—Each agreement under subsection (a) shall require that the State deposit in the State loan fund from State moneys an amount equal to at least 20 percent of the total amount of the grant to be made to the State on or before the date on which the grant payment is made to the State, except that a State shall not be required to deposit such amount into the fund prior to the date on which each grant payment is made for fiscal years 1994, 1995, 1996, and 1997 if the State deposits the State contribution amount into the State loan fund prior to September 30, 1999.

(f) TYPES OF ASSISTANCE.—Except as otherwise limited by State law, the amounts deposited into a State loan fund under this section may be used only—

(1) to make loans, on the condition that—

(A) the interest rate for each loan is less than or equal to the market interest rate, including an interest free loan;

(B) principal and interest payments on each loan will commence not later than 1 year after completion of the project for which the loan was made, and each loan will be fully amortized not later than 20 years after the completion of the project, except that in the case of a disadvantaged community (as defined in subsection (d)(3)), a State may provide an extended term for a loan, if the extended term—

(i) terminates not later than the date that is 30 years after the date of project completion; and

(ii) does not exceed the expected design life of the project; *18 months after completion of the project for which the loan was made;*

(C) *each loan will be fully amortized not later than 30 years after the completion of the project, except that in the case of a disadvantaged community (as defined in subsection (d)(3)) a State may provide an extended term for a loan, if the extended term—*

(i) terminates not later than the date that is 40 years after the date of project completion; and

(ii) does not exceed the expected design life of the project;

(C) (D) the recipient of each loan will establish a dedicated source of revenue (or, in the case of a privately owned system, demonstrate that there is adequate security) for the repayment of the loan; and

(D) (E) the State loan fund will be credited with all payments of principal and interest on each loan;

(2) to buy or refinance the debt obligation of a municipality or an intermunicipal or interstate agency within the State at an interest rate that is less than or equal to the market interest rate in any case in which a debt obligation is incurred after July 1, 1993;

(3) to guarantee, or purchase insurance for, a local obligation (all of the proceeds of which finance a project eligible for assistance under this section) if the guarantee or purchase would im-

prove credit market access or reduce the interest rate applicable to the obligation;

(4) as a source of revenue or security for the payment of principal and interest on revenue or general obligation bonds issued by the State if the proceeds of the sale of the bonds will be deposited into the State loan fund; and

(5) to earn interest on the amounts deposited into the State loan fund.

(g) ADMINISTRATION OF STATE LOAN FUNDS.—

(1) COMBINED FINANCIAL ADMINISTRATION.—Notwithstanding subsection (c), a State may (as a convenience and to avoid unnecessary administrative costs) combine, in accordance with State law, the financial administration of a State loan fund established under this section with the financial administration of any other revolving fund established by the State if otherwise not prohibited by the law under which the State loan fund was established and if the Administrator determines that—

(A) the grants under this section, together with loan repayments and interest, will be separately accounted for and used solely for the purposes specified in subsection (a); and

(B) the authority to establish assistance priorities and carry out oversight and related activities (other than financial administration) with respect to assistance remains with the State agency having primary responsibility for administration of the State program under section 1413, after consultation with other appropriate State agencies (as determined by the State): *Provided*, That in nonprimacy States eligible to receive assistance under this section, the Governor shall determine which State agency will have authority to establish priorities for financial assistance from the State loan fund.

(2) COST OF ADMINISTERING FUND.—

(A) AUTHORIZATION.—

(i) IN GENERAL.—For each fiscal year, a State may use the amount described in clause (ii)—

(I) to cover the reasonable costs of administration of the programs under this section, including the recovery of reasonable costs expended to establish a State loan fund that are incurred after the date of enactment of this section; and

(II) to provide technical assistance to public water systems within the State.

(ii) DESCRIPTION OF AMOUNT.—The amount referred to in clause (i) is an amount equal to the sum of—

(I) the amount of any fees collected by the State for use in accordance with clause (i)(I), regardless of the source; and

(II) the greatest of—

(aa) \$400,000;

(bb) 1 percent of the current valuation of the fund; and

(cc) an amount equal to 4 percent of all grant awards to the fund under this section for the fiscal year.

(B) ADDITIONAL USE OF FUNDS.—For fiscal year 1995 and each fiscal year thereafter, each State may use up to an additional 10 percent of the funds allotted to the State under this section—

- (i) for public water system supervision programs under section 1443(a);
- (ii) to administer or provide technical assistance through source water protection programs;
- (iii) to develop and implement a capacity development strategy under section 1420(c); and
- (iv) for an operator certification program for purposes of meeting the requirements of section 1419.

(C) TECHNICAL ASSISTANCE.—An additional 2 percent of the funds annually allotted to each State under this section may be used by the State to provide technical assistance to public water systems serving 10,000 or fewer persons in the State.

(D) ENFORCEMENT ACTIONS.—Funds used under subparagraph (B)(ii) shall not be used for enforcement actions.

(3) GUIDANCE AND REGULATIONS.—The Administrator shall publish guidance and promulgate regulations as may be necessary to carry out the provisions of this section, including—

(A) provisions to ensure that each State commits and expends funds allotted to the State under this section as efficiently as possible in accordance with this title and applicable State laws;

(B) guidance to prevent waste, fraud, and abuse; and

(C) guidance to avoid the use of funds made available under this section to finance the expansion of any public water system in anticipation of future population growth. The guidance and regulations shall also ensure that the States, and public water systems receiving assistance under this section, use accounting, audit, and fiscal procedures that conform to generally accepted accounting standards.

(4) STATE REPORT.—Each State administering a loan fund and assistance program under this subsection shall publish and submit to the Administrator a report every 2 years on its activities under this section, including the findings of the most recent audit of the fund and the entire State allotment. The Administrator shall periodically audit all State loan funds established by, and all other amounts allotted to, the States pursuant to this section in accordance with procedures established by the Comptroller General.

(h) NEEDS SURVEY.—~~ø~~The Administrator, *(1) The Administrator* shall conduct an assessment of water system capital improvement needs of all eligible public water systems in the United States and submit a report to the Congress containing the results of the assessment within 180 days after the date of enactment of the Safe Drinking Water Act Amendments of 1996 and every 4 years thereafter.

(2) Any assessment conducted under paragraph (1) after the date of enactment of the Drinking Water System Improvement Act of 2017 shall include an assessment of costs to replace all lead service lines (as defined in section 1459B(a)(4)) of all eligible public water systems in the United States, and such assessment shall describe

separately the costs associated with replacing the portions of such lead service lines that are owned by an eligible public water system and the costs associated with replacing any remaining portions of such lead service lines, to the extent practicable.

(i) INDIAN TRIBES.—

(1) IN GENERAL.—10 percent of the amounts appropriated annually to carry out this section may be used by the Administrator to make grants to Indian Tribes, Alaska Native villages, and, for the purpose of carrying out paragraph (5), intertribal consortia or tribal organizations, that have not otherwise received either grants from the Administrator under this section or assistance from State loan funds established under this section. Except as otherwise provided, the grants may only be used for expenditures by tribes and villages for public water system expenditures referred to in subsection (a)(2).

(2) USE OF FUNDS.—Funds reserved pursuant to paragraph (1) shall be used to address the most significant threats to public health associated with public water systems that serve Indian Tribes, as determined by the Administrator in consultation with the Director of the Indian Health Service and Indian Tribes.

(3) ALASKA NATIVE VILLAGES.—In the case of a grant for a project under this subsection in an Alaska Native village, the Administrator is also authorized to make grants to the State of Alaska for the benefit of Native villages. An amount not to exceed 4 percent of the grant amount may be used by the State of Alaska for project management.

(4) NEEDS ASSESSMENT.—The Administrator, in consultation with the Director of the Indian Health Service and Indian Tribes, shall, in accordance with a schedule that is consistent with the needs surveys conducted pursuant to subsection (h), prepare surveys and assess the needs of drinking water treatment facilities to serve Indian Tribes, including an evaluation of the public water systems that pose the most significant threats to public health.

(5) TRAINING AND OPERATOR CERTIFICATION.—

(A) IN GENERAL.—The Administrator may use funds made available under this subsection and section 1442(e)(7) to make grants to intertribal consortia or tribal organizations for the purpose of providing operations and maintenance training and operator certification services to Indian Tribes to enable public water systems that serve Indian Tribes to achieve and maintain compliance with applicable national primary drinking water regulations.

(B) ELIGIBLE TRIBAL ORGANIZATIONS.—Intertribal consortia or tribal organizations eligible for a grant under subparagraph (A) are intertribal consortia or tribal organizations that—

(i) as determined by the Administrator, are the most qualified and experienced to provide training and technical assistance to Indian Tribes; and

(ii) the Indian Tribes find to be the most beneficial and effective.

(j) OTHER AREAS.—Of the funds annually available under this section for grants to States, the Administrator shall make allot-

ments in accordance with section 1443(a)(4) for the Virgin Islands, the Commonwealth of the Northern Mariana Islands, American Samoa, and Guam. The grants allotted as provided in this subsection may be provided by the Administrator to the governments of such areas, to public water systems in such areas, or to both, to be used for the public water system expenditures referred to in subsection (a)(2). The grants, and grants for the District of Columbia, shall not be deposited in State loan funds. The total allotment of grants under this section for all areas described in this subsection in any fiscal year shall not exceed 0.33 percent of the aggregate amount made available to carry out this section in that fiscal year.

(k) OTHER AUTHORIZED ACTIVITIES.—

(1) IN GENERAL.—Notwithstanding subsection (a)(2), a State may take each of the following actions:

(A) Provide assistance, only in the form of a loan, to one or more of the following:

(i) Any public water system described in subsection (a)(2) to acquire land or a conservation easement from a willing seller or grantor, if the purpose of the acquisition is to protect the source water of the system from contamination and to ensure compliance with national primary drinking water regulations.

(ii) Any community water system to implement local, voluntary source water protection measures to protect source water in areas delineated pursuant to section 1453, in order to facilitate compliance with national primary drinking water regulations applicable to the system under section 1412 or otherwise significantly further the health protection objectives of this title. Funds authorized under this clause may be used to fund only voluntary, incentive-based mechanisms.

(iii) Any community water system to provide funding in accordance with section 1454(a)(1)(B)(i).

(B) Provide assistance, including technical and financial assistance, to any public water system as part of a capacity development strategy developed and implemented in accordance with section 1420(c).

(C) Make expenditures from the capitalization grant of the State for fiscal years 1996 and 1997 to delineate and assess source water protection areas in accordance with section 1453, *to delineate, assess, and update assessments for source water protection areas in accordance with section 1453*, except that funds set aside for such expenditure shall be obligated within 4 fiscal years.

(D) Make expenditures from the fund for the establishment and implementation of wellhead protection programs under section 1428.

(2) LIMITATION.—For each fiscal year, the total amount of assistance provided and expenditures made by a State under this subsection may not exceed 15 percent of the amount of the capitalization grant received by the State for that year and may not exceed 10 percent of that amount for any one of the following activities:

(A) To acquire land or conservation easements pursuant to paragraph (1)(A)(i).

(B) To provide funding to implement voluntary, incentive-based source water quality protection measures pursuant to clauses (ii) and (iii) of paragraph (1)(A).

(C) To provide assistance through a capacity development strategy pursuant to paragraph (1)(B).

(D) To make expenditures to delineate or assess source water protection areas pursuant to paragraph (1)(C).

(E) To make expenditures to establish and implement wellhead protection programs pursuant to paragraph (1)(D).

(3) STATUTORY CONSTRUCTION.—Nothing in this section creates or conveys any new authority to a State, political subdivision of a State, or community water system for any new regulatory measure, or limits any authority of a State, political subdivision of a State or community water system.

(l) SAVINGS.—The failure or inability of any public water system to receive funds under this section or any other loan or grant program, or any delay in obtaining the funds, shall not alter the obligation of the system to comply in a timely manner with all applicable drinking water standards and requirements of this title.

(m) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out the purposes of this section \$599,000,000 for the fiscal year 1994 and \$1,000,000,000 for each of the fiscal years 1995 through 2003.

(1) *There are authorized to be appropriated to carry out the purposes of this section—*

(A) \$1,200,000,000 for fiscal year 2018;

(B) \$1,400,000,000 for fiscal year 2019;

(C) \$1,600,000,000 for fiscal year 2020;

(D) \$1,800,000,000 for fiscal year 2021; and

(E) \$2,000,000,000 for fiscal year 2022. To the extent amounts authorized to be

(2) *To the extent amounts authorized to be appropriated under this subsection in any fiscal year are not appropriated in that fiscal year, such amounts are authorized to be appropriated in a subsequent fiscal year (prior to the fiscal year 2004). Such sums shall remain available until expended.*

(n) HEALTH EFFECTS STUDIES.—From funds appropriated pursuant to this section for each fiscal year, the Administrator shall reserve \$10,000,000 for health effects studies on drinking water contaminants authorized by the Safe Drinking Water Act Amendments of 1996. In allocating funds made available under this subsection, the Administrator shall give priority to studies concerning the health effects of cryptosporidium (as authorized by section 1458(c)), disinfection byproducts (as authorized by section 1458(c)), and arsenic (as authorized by section 1412(b)(12)(A)), and the implementation of a plan for studies of subpopulations at greater risk of adverse effects (as authorized by section 1458(a)).

(o) MONITORING FOR UNREGULATED CONTAMINANTS.—From funds appropriated pursuant to this section for each fiscal year beginning with fiscal year 1998, the Administrator shall reserve \$2,000,000 to pay the costs of monitoring for unregulated contaminants under section 1445(a)(2)(C).

(p) DEMONSTRATION PROJECT FOR STATE OF VIRGINIA.—Notwithstanding the other provisions of this section limiting the use of funds deposited in a State loan fund from any State allotment, the State of Virginia may, as a single demonstration and with the approval of the Virginia General Assembly and the Administrator, conduct a program to demonstrate alternative approaches to intergovernmental coordination to assist in the financing of new drinking water facilities in the following rural communities in southwestern Virginia where none exists on the date of enactment of the Safe Drinking Water Act Amendments of 1996 and where such communities are experiencing economic hardship: Lee County, Wise County, Scott County, Dickenson County, Russell County, Buchanan County, Tazewell County, and the city of Norton, Virginia. The funds allotted to that State and deposited in the State loan fund may be loaned to a regional endowment fund for the purpose set forth in this subsection under a plan to be approved by the Administrator. The plan may include an advisory group that includes representatives of such counties.

(q) SMALL SYSTEM TECHNICAL ASSISTANCE.—The Administrator may reserve up to 2 percent of the total funds made available to carry out this section for each of fiscal years 2016 through 2021 to carry out the provisions of section 1442(e) (relating to technical assistance for small systems), except that the total amount of funds made available for such purpose in any fiscal year through appropriations (as authorized by section 1442(e)) and reservations made pursuant to this subsection shall not exceed the amount authorized by section 1442(e).

(r) EVALUATION.—The Administrator shall conduct an evaluation of the effectiveness of the State loan funds through fiscal year 2001. The evaluation shall be submitted to the Congress at the same time as the President submits to the Congress, pursuant to section 1108 of title 31, United States Code, an appropriations request for fiscal year 2003 relating to the budget of the Environmental Protection Agency.

(s) BEST PRACTICES FOR STATE LOAN FUND ADMINISTRATION.—The Administrator shall—

(1) *collect information from States on administration of State loan funds established pursuant to subsection (a)(1), including—*

(A) efforts to streamline the process for applying for assistance through such State loan funds;

(B) programs in place to assist with the completion of applications for assistance through such State loan funds;

(C) incentives provided to public water systems that partner with small public water systems to assist with the application process for assistance through such State loan funds;

(D) practices to ensure that amounts in such State loan funds are used to provide loans, loan guarantees, or other authorized assistance in a timely fashion;

(E) practices that support effective management of such State loan funds;

(F) practices and tools to enhance financial management of such State loan funds; and

- (G) *key financial measures for use in evaluating State loan fund operations, including—*
- (i) measures of lending capacity, such as current assets and current liabilities or undisbursed loan assistance liability; and*
 - (ii) measures of growth or sustainability, such as return on net interest;*
- (2) *not later than 3 years after the date of enactment of the Drinking Water System Improvement Act of 2017, disseminate to the States best practices for administration of such State loan funds, based on the information collected pursuant to this subsection; and*
- (3) *periodically update such best practices, as appropriate.*

* * * * *

SOURCE WATER PETITION PROGRAM

SEC. 1454. (a) PETITION PROGRAM.—

(1) IN GENERAL.—

(A) **ESTABLISHMENT.**—A State may establish a program under which an owner or operator of a community water system in the State, or a municipal or local government or political subdivision of a State, may submit a source water quality protection partnership petition to the State requesting that the State assist in the local development of a voluntary, incentive-based partnership, among the owner, operator, or government and other persons likely to be affected by the recommendations of the partnership, to—

- (i) reduce the presence in drinking water of contaminants that may be addressed by a petition by considering the origins of the contaminants, including to the maximum extent practicable the specific activities that affect the drinking water supply of a community;
- (ii) obtain financial or technical assistance necessary to facilitate establishment of a partnership, or to develop and implement recommendations of a partnership for the protection of source water to assist in the provision of drinking water that complies with national primary drinking water regulations with respect to contaminants addressed by a petition; and
- (iii) develop recommendations regarding voluntary and incentive-based strategies for the long-term protection of the source water of community water systems.

(B) **FUNDING.**—Each State may—

- (i) use funds set aside pursuant to section 1452(k)(1)(A)(iii) by the State to carry out a program described in subparagraph (A), including assistance to voluntary local partnerships for the development and implementation of partnership recommendations for the protection of source water such as source water quality assessment, contingency plans, and demonstration projects for partners within a source water area delineated under section 1453(a); and

(ii) provide assistance in response to a petition submitted under this subsection using funds referred to in subsection (b)(2)(B).

(2) OBJECTIVES.—The objectives of a petition submitted under this subsection shall be to—

(A) facilitate the local development of voluntary, incentive-based partnerships among owners and operators of community water systems, governments, and other persons in source water areas; and

(B) obtain assistance from the State in identifying resources which are available to implement the recommendations of the partnerships to address the origins of drinking water contaminants that may be addressed by a petition (including to the maximum extent practicable the specific activities contributing to the presence of the contaminants) that affect the drinking water supply of a community.

(3) CONTAMINANTS ADDRESSED BY A PETITION.—A petition submitted to a State under this subsection may address only those contaminants—

(A) that are pathogenic organisms for which a national primary drinking water regulation has been established or is required under section 1412; or

(B) for which a national primary drinking water regulation has been promulgated or proposed and that are detected by adequate monitoring methods in the source water at the intake structure or in any collection, treatment, storage, or distribution facilities by the community water systems at levels—

(i) above the maximum contaminant level; or

(ii) that are not reliably and consistently below the maximum contaminant level.

(4) CONTENTS.—A petition submitted under this subsection shall, at a minimum—

(A) include a delineation of the source water area in the State that is the subject of the petition;

(B) identify, to the maximum extent practicable, the origins of the drinking water contaminants that may be addressed by a petition (including to the maximum extent practicable the specific activities contributing to the presence of the contaminants) in the source water area delineated under section 1453;

(C) identify any deficiencies in information that will impair the development of recommendations by the voluntary local partnership to address drinking water contaminants that may be addressed by a petition;

(D) specify the efforts made to establish the voluntary local partnership and obtain the participation of—

(i) the municipal or local government or other political subdivision of the State with jurisdiction over the source water area delineated under section 1453; and

(ii) each person in the source water area delineated under section 1453—

(I) who is likely to be affected by recommendations of the voluntary local partnership; and

(II) whose participation is essential to the success of the partnership;

(E) outline how the voluntary local partnership has or will, during development and implementation of recommendations of the voluntary local partnership, identify, recognize and take into account any voluntary or other activities already being undertaken by persons in the source water area delineated under section 1453 under Federal or State law to reduce the likelihood that contaminants will occur in drinking water at levels of public health concern; and

(F) specify the technical, financial, or other assistance that the voluntary local partnership requests of the State to develop the partnership or to implement recommendations of the partnership.

(b) APPROVAL OR DISAPPROVAL OF PETITIONS.—

(1) IN GENERAL.—After providing notice and an opportunity for public comment on a petition submitted under subsection (a), the State shall approve or disapprove the petition, in whole or in part, not later than 120 days after the date of submission of the petition.

(2) APPROVAL.—The State may approve a petition if the petition meets the requirements established under subsection (a). The notice of approval shall, at a minimum, include for informational purposes—

(A) an identification of technical, financial, or other assistance that the State will provide to assist in addressing the drinking water contaminants that may be addressed by a petition based on—

(i) the relative priority of the public health concern identified in the petition with respect to the other water quality needs identified by the State;

(ii) any necessary coordination that the State will perform of the program established under this section with programs implemented or planned by other States under this section; and

(iii) funds available (including funds available from a State revolving loan fund established under title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.)) or section 1452;

(B) a description of technical or financial assistance pursuant to Federal and State programs that is available to assist in implementing recommendations of the partnership in the petition, including—

(i) any program established under the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.);

(ii) the program established under section 6217 of the Coastal Zone Act Reauthorization Amendments of 1990 (16 U.S.C. 1455b);

(iii) the agricultural water quality protection program established under chapter 2 of subtitle D of title XII of the Food Security Act of 1985 (16 U.S.C. 3838 et seq.);

(iv) the sole source aquifer protection program established under section 1427;

(v) the community wellhead protection program established under section 1428;

(vi) any pesticide or ground water management plan;

(vii) any voluntary agricultural resource management plan or voluntary whole farm or whole ranch management plan developed and implemented under a process established by the Secretary of Agriculture; and

(viii) any abandoned well closure program; and

(C) a description of activities that will be undertaken to coordinate Federal and State programs to respond to the petition.

(3) DISAPPROVAL.—If the State disapproves a petition submitted under subsection (a), the State shall notify the entity submitting the petition in writing of the reasons for disapproval. A petition may be resubmitted at any time if—

(A) new information becomes available;

(B) conditions affecting the source water that is the subject of the petition change; or

(C) modifications are made in the type of assistance being requested.

(c) GRANTS TO SUPPORT STATE PROGRAMS.—

(1) IN GENERAL.—The Administrator may make a grant to each State that establishes a program under this section that is approved under paragraph (2). The amount of each grant shall not exceed 50 percent of the cost of administering the program for the year in which the grant is available.

(2) APPROVAL.—In order to receive grant assistance under this subsection, a State shall submit to the Administrator for approval a plan for a source water quality protection partnership program that is consistent with the guidance published under subsection (d). The Administrator shall approve the plan if the plan is consistent with the guidance published under subsection (d).

(d) GUIDANCE.—

(1) IN GENERAL.—Not later than 1 year after the date of enactment of this section, the Administrator, in consultation with the States, shall publish guidance to assist—

(A) States in the development of a source water quality protection partnership program; and

(B) municipal or local governments or political subdivisions of a State and community water systems in the development of source water quality protection partnerships and in the assessment of source water quality.

(2) CONTENTS OF THE GUIDANCE.—The guidance shall, at a minimum—

(A) recommend procedures for the approval or disapproval by a State of a petition submitted under subsection (a);

(B) recommend procedures for the submission of petitions developed under subsection (a);

(C) recommend criteria for the assessment of source water areas within a State; and

(D) describe technical or financial assistance pursuant to Federal and State programs that is available to address the contamination of sources of drinking water and to develop and respond to petitions submitted under subsection (a).

(e) **AUTHORIZATION OF APPROPRIATIONS.**—There are authorized to be appropriated to carry out this section \$5,000,000 for each of the fiscal years 1997 through 2003, 2018 through 2022. Each State with a plan for a program approved under subsection (b) shall receive an equitable portion of the funds available for any fiscal year.

(f) **STATUTORY CONSTRUCTION.**—Nothing in this section—

(1)(A) creates or conveys new authority to a State, political subdivision of a State, or community water system for any new regulatory measure; or

(B) limits any authority of a State, political subdivision, or community water system; or

(2) precludes a community water system, municipal or local government, or political subdivision of a government from locally developing and carrying out a voluntary, incentive-based, source water quality protection partnership to address the origins of drinking water contaminants of public health concern.

* * * * *

SEC. 1459C. REVIEW OF TECHNOLOGIES.

(a) **REVIEW.**—The Administrator, after consultation with appropriate departments and agencies of the Federal Government and with State and local governments, shall review (or enter into contracts or cooperative agreements to provide for a review of) existing and potential methods, means, equipment, and technologies (including review of cost, availability, and efficacy of such methods, means, equipment, and technologies) that—

(1) ensure the physical integrity of community water systems;

(2) prevent, detect, and respond to any contaminant for which a national primary drinking water regulation has been promulgated in community water systems and source water for community water systems;

(3) allow for use of alternate drinking water supplies from nontraditional sources; and

(4) facilitate source water assessment and protection.

(b) **INCLUSIONS.**—The review under subsection (a) shall include review of methods, means, equipment, and technologies—

(1) that are used for corrosion protection, metering, leak detection, or protection against water loss;

(2) that are intelligent systems, including hardware, software, or other technology, used to assist in protection and detection described in paragraph (1);

(3) that are point-of-use devices or point-of-entry devices;

(4) that are physical or electronic systems that monitor, or assist in monitoring, contaminants in drinking water in real-time; and

(5) that allow for the use of nontraditional sources for drinking water, including physical separation and chemical and biological transformation technologies.

(c) **AVAILABILITY.**—The Administrator shall make the results of the review under subsection (a) available to the public.

(d) *AUTHORIZATION OF APPROPRIATIONS.*—There are authorized to be appropriated to the Administrator to carry out this section \$10,000,000 for fiscal year 2018, which shall remain available until expended.

PART F—ADDITIONAL REQUIREMENTS TO REGULATE THE SAFETY OF DRINKING WATER

DEFINITIONS

SEC. 1461. As used in this part—

(1) **DRINKING WATER COOLER.**—The term “drinking water cooler” means any mechanical device affixed to drinking water supply plumbing which actively cools water for human consumption.

(2) **LEAD FREE.**—The term “lead free” means, with respect to a drinking water cooler, that each part or component of the cooler which may come in contact with drinking water contains not more than 8 percent lead, except that no drinking water cooler which contains any solder, flux, or storage tank interior surface which may come in contact with drinking water shall be considered lead free if the solder, flux, or storage tank interior surface contains more than 0.2 percent lead. The Administrator may establish more stringent requirements for treating any part or component of a drinking water cooler as lead free for purposes of this part whenever he determines that any such part may constitute an important source of lead in drinking water.

(3) **LOCAL EDUCATIONAL AGENCY.**—The term “local educational agency” means—

(A) any local educational agency as defined in section 8101 of the Elementary and Secondary Education Act of 1965,

(B) the owner of any private, nonprofit elementary or secondary school building, and

(C) the governing authority of any school operating under the defense dependent's education system provided for under the Defense Dependent's Education Act of 1978 (20 U.S.C. 921 and following).

(4) **REPAIR.**—The term “repair” means, with respect to a drinking water cooler, to take such corrective action as is necessary to ensure that water cooler is lead free.

(5) **REPLACEMENT.**—The term “replacement”, when used with respect to a drinking water cooler *or drinking water fountain*, means the permanent removal of the water cooler *or drinking water fountain* and the installation of a lead free water cooler *or drinking water fountain*.

(6) **SCHOOL.**—The term “school” means any elementary school or secondary school as defined in section 8101 of the Elementary and Secondary Education Act of 1965 and any kindergarten or day care facility.

(7) **LEAD-LINED TANK.**—The term “lead-lined tank” means a water reservoir container in a drinking water cooler which con-

tainer is constructed of lead or which has an interior surface which is not leadfree.

* * * * *

SEC. 1465. DRINKING WATER FOUNTAIN REPLACEMENT FOR SCHOOLS.

(a) *ESTABLISHMENT.*—Not later than 1 year after the date of enactment of this section, the Administrator shall establish a grant program to provide assistance to local educational agencies for the replacement of drinking water fountains manufactured prior to 1988.

(b) *USE OF FUNDS.*—Funds awarded under the grant program—

(1) shall be used to pay the costs of replacement of drinking water fountains in schools; and

(2) may be used to pay the costs of monitoring and reporting of lead levels in the drinking water of schools of a local educational agency receiving such funds, as determined appropriate by the Administrator.

(c) *PRIORITY.*—In awarding funds under the grant program, the Administrator shall give priority to local educational agencies based on economic need.

(d) *AUTHORIZATION OF APPROPRIATIONS.*—There are authorized to be appropriated to carry out this section not more than \$5,000,000 for each of fiscal years 2018 through 2022.

EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986

TITLE III—EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW

* * * * *

Subtitle A—Emergency Planning and Notification

SEC. 304. EMERGENCY NOTIFICATION.

(a) *TYPES OF RELEASES.*—

(1) 302 302(A) substance which requires cercla notice.—If a release of an extremely hazardous substance referred to in section 302(a) occurs from a facility at which a hazardous chemical is produced, used, or stored, and such release requires a notification under section 103(a) of the Comprehensive Environmental Response, compensation, and Liability Act of 1980 (hereafter in this section referred to as “CERCLA”) (42 U.S.C. 9601 et seq.), the owner or operator of the facility shall immediately provide notice as described in subsection (b).

(2) *OTHER 302(A) substance.*—If a release of an extremely hazardous substance referred to in section 302(a) occurs from a facility at which a hazardous chemical is produced, used, or stored, and such release is not subject to the notification requirements under section 103(a) of CERCLA, the owner or operator of the facility shall immediately provide notice as described in subsection (b), but only if the release—

(A) is not a federally permitted release as defined in section 101(10) of CERCLA,

(B) is in an amount in excess of a quantity which the Administrator has determined (by regulation) requires notice, and (C) occurs in a manner which would require notification under section 103(a) of CERCLA.

Unless and until superseded by regulations establishing a quantity for an extremely hazardous substance described in this paragraph, a quantity of 1 pound shall be deemed that quantity the release of which requires notice as described in subsection (b).

(3) NON-302 NON-302(A) substance which requires cercla notice.—If a release of a substance which is not on the list referred to in section 302(a) occurs at a facility at which a hazardous chemical is produced, used, or stored, and such release requires notification under section 103(a) of CERCLA, the owner or operator shall provide notice as follows:

(A) If the substance is one for which a reportable quantity has been established under section 102(a) of CERCLA, the owner or operator shall provide notice as described in subsection (b).

(B) If the substance is one for which a reportable quantity has not been established under section 102(a) of CERCLA—

(i) Until April 30, 1988, the owner or operator shall provide, for releases of one pound or more of the substance, the same notice to the community emergency coordinator for the local emergency planning committee, at the same time and in the same form, as notice is provided to the National Response Center under section 103(a) of CERCLA.

(ii) On and after April 30, 1988, the owner or operator shall provide, for releases of one pound or more of the substance, the notice as described in subsection (b).

(4) EXEMPTED LEASES.—This section does not apply to any release which results in exposure to persons solely within the site or sites on which a facility is located.

(b) NOTIFICATION.—

(1) RECIPIENT OF NOTICE.—Notice required under subsection (a) shall be given immediately after the release by the owner or operator of a facility (by such means as telephone, radio, or in person) to the community emergency coordinator for the local emergency planning committees, if established pursuant to section 301(c), for any area likely to be affected by the release and to the State emergency planning commission, State emergency response commission of any State likely to be affected by the release. With respect to transportation of a substance subject to the requirements of this section, or storage incident to such transportation, the notice requirements of this section with respect to a release shall be satisfied by dialing 911 or, in the absence of a 911 emergency telephone number, calling the operator.

(2) CONTENTS.—Notice required under subsection (a) shall include each of the following (to the extent known at the time of the notice and so long as no delay in responding to the emergency results):

- (A) The chemical name or identity of any substance involved in the release.
 - (B) An indication of whether the substance is on the list referred to in section 302(a).
 - (C) An estimate of the quantity of any such substance that was released into the environment.
 - (D) The time and duration of the release.
 - (E) The medium or media into which the release occurred.
 - (F) Any known or anticipated acute or chronic health risks associated with the emergency and, where appropriate, advice regarding medical attention necessary for exposed individuals.
 - (G) Proper precautions to take as a result of the release, including evacuation (unless such information is readily available to the community emergency coordinator pursuant to the emergency plan).
 - (H) The name and telephone number of the person or persons to be contacted for further information.
- (c) FOLLOWUP EMERGENCY NOTICE.—AS soon as practicable after a release which requires notice under subsection (a), such owner or operator shall provide a written followup emergency notice (or notices, as more information becomes available) setting forth and updating the information required under subsection (b), and including additional information with respect to—
- (1) actions taken to respond to and contain the release,
 - (2) any known or anticipated acute or chronic health risks associated with the release, and
 - (3) where appropriate, advice regarding medical attention necessary for exposed individuals.
- (d) TRANSPORTATION EXEMPTION NOT APPLICABLE.—The exemption provided in section 327 (relating to transportation) does not apply to this section.
- (e) ADDRESSING SOURCE WATER USED FOR DRINKING WATER.—
- (1) APPLICABLE STATE AGENCY NOTIFICATION.—A State emergency response commission shall—
 - (A) promptly notify the applicable State agency of any release that requires notice under subsection (a);
 - (B) provide to the applicable State agency the information identified in subsection (b)(2); and
 - (C) provide to the applicable State agency a written followup emergency notice in accordance with subsection (c).
 - (2) COMMUNITY WATER SYSTEM NOTIFICATION.—
 - (A) IN GENERAL.—An applicable State agency receiving notice of a release under paragraph (1) shall—
 - (i) promptly forward such notice to any community water system the source waters of which are affected by the release;
 - (ii) forward to the community water system the information provided under paragraph (1)(B); and
 - (iii) forward to the community water system the written followup emergency notice provided under paragraph (1)(C).
 - (B) DIRECT NOTIFICATION.—In the case of a State that does not have an applicable State agency, the State emer-

gency response commission shall provide the notices and information described in paragraph (1) directly to any community water system the source waters of which are affected by a release that requires notice under subsection (a).

(3) **DEFINITIONS.**—In this subsection:

(A) **COMMUNITY WATER SYSTEM.**—The term “community water system” has the meaning given such term in section 1401(15) of the Safe Drinking Water Act.

(B) **APPLICABLE STATE AGENCY.**—The term “applicable State agency” means the State agency that has primary responsibility to enforce the requirements of the Safe Drinking Water Act in the State.

* * * * *

Subtitle B—Reporting Requirements

* * * * *

SEC. 312. EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY FORMS.

(a) **BASIC REQUIREMENT.**—(1) The owner or operator of any facility which is required to prepare or have available a material safety data sheet for a hazardous chemical under the Occupational Safety and Health Act of 1970 and regulations promulgated under that Act shall prepare and submit an emergency and hazardous chemical inventory form (hereafter in this title referred to as an “inventory form”) to each of the following:

- (A) The appropriate local emergency planning committee.
- (B) The State emergency response commission.
- (C) The fire department with jurisdiction over the facility.

(2) The inventory form containing tier I information (as described in subsection (d)(1)) shall be submitted on or before March 1, 1988, and annually thereafter on March 1, and shall contain data with respect to the preceding calendar year. The preceding sentence does not apply if an owner or operator provides, by the same deadline and with respect to the same calendar year, tier II information (as described in subsection (d)(2)) to the recipients described in paragraph (1).

(3) An owner or operator may meet the requirements of this section with respect to a hazardous chemical which is a mixture by doing one of the following:

- (A) Providing information on the inventory form on each element or compound in the mixture which is a hazardous chemical. If more than one mixture has the same element or compound, only one listing on the inventory form for the element or compound at the facility is necessary.
- (B) Providing information on the inventory form on the mixture itself.

(b) **THRESHOLDS.**—The Administrator may establish threshold quantities for hazardous chemicals covered by this section below which no facility shall be subject to the provisions of this section. The threshold quantities may, in the Administrator’s discretion, be based on classes of chemicals or categories of facilities.

(c) **HAZARDOUS CHEMICALS COVERED.**—A hazardous chemical subject to the requirements of this section is any hazardous chem-

ical for which a material safety data sheet or a listing is required under section 311.

(d) CONTENTS OF FORM.—

(1) TIER I INFORMATION.—

(A) AGGREGATE INFORMATION BY CATEGORY.—An inventory form shall provide the information described in subparagraph (B) in aggregate terms for hazardous chemicals in categories of health and physical hazards as set forth under the Occupational Safety and Health Act of 1970 and regulations promulgated under that Act.

(B) REQUIRED INFORMATION.—The information referred to in subparagraph (A) is the following:

(i) An estimate (in ranges) of the maximum amount of hazardous chemicals in each category present at the facility at any time during the preceding calendar year.

(ii) An estimate (in ranges) of the average daily amount of hazardous chemicals in each category present at the facility during the preceding calendar year.

(iii) The general location of hazardous chemicals in each category.

(C) MODIFICATIONS.—For purposes of reporting information under this paragraph, the Administrator may—

(i) modify the categories of health and physical hazards as set forth under the Occupational Safety and Health Act of 1970 and regulations promulgated under that Act by requiring information to be reported in terms of groups of hazardous chemicals which present similar hazards in an emergency, or

(ii) require reporting on individual hazardous chemicals of special concern to emergency response personnel.

(2) TIER II INFORMATION.—An inventory form shall provide the following additional information for each hazardous chemical present at the facility, but only upon request and in accordance with subsection (e):

(A) The chemical name or the common name of the chemical as provided on the material safety data sheet.

(B) An estimate (in ranges) of the maximum amount of the hazardous chemical present at the facility at any time during the preceding calendar year.

(C) An estimate (in ranges) of the average daily amount of the hazardous chemical present at the facility during the preceding calendar year.

(D) A brief description of the manner of storage of the hazardous chemical.

(E) The location at the facility of the hazardous chemical.

(F) An indication of whether the owner elects to withhold location information of a specific hazardous chemical from disclosure to the public under section 324.

(e) AVAILABILITY OF TIER II INFORMATION.—

(1) AVAILABILITY TO STATE COMMISSIONS, LOCAL COMMITTEES, AND FIRE DEPARTMENTS.—Upon request by a State emergency

planning commission, *State emergency response commission*, a local emergency planning committee, or a fire department with jurisdiction over the facility, the owner or operator of a facility shall provide tier II information, as described in subsection (d), to the person making the request. Any such request shall be with respect to a specific facility.

(2) AVAILABILITY TO OTHER STATE AND LOCAL OFFICIALS.—A State or local official acting in his or her official capacity may have access to tier II information by submitting a request to the State emergency response commission or the local emergency planning committee. Upon receipt of a request for tier II information, the State commission or local committee shall, pursuant to paragraph (1), request the facility owner or operator for the tier II information and make available such information to the official.

(3) AVAILABILITY TO PUBLIC.—

(A) IN GENERAL.—Any person may request a State emergency response commission or local emergency planning committee for tier II information relating to the preceding calendar year with respect to a facility. Any such request shall be in writing and shall be with respect to a specific facility.

(B) AUTOMATIC PROVISION OF INFORMATION TO PUBLIC.—Any tier II information which a State emergency response commission or local emergency planning committee has in its possession shall be made available to a person making a request under this paragraph in accordance with section 324. If the State emergency response commission or local emergency planning committee does not have the tier II information in its possession, upon a request for tier II information the State emergency response commission or local emergency planning committee shall, pursuant to paragraph (1), request the facility owner or operator for tier II information with respect to a hazardous chemical which a facility has stored in an amount in excess of 10,000 pounds present at the facility at any time during the preceding calendar year and make such information available in accordance with section 324 to the person making the request.

(C) DISCRETIONARY PROVISION OF INFORMATION TO PUBLIC.—In the case of tier II information which is not in the possession of a State emergency response commission or local emergency planning committee and which is with respect to a hazardous chemical which a facility has stored in an amount less than 10,000 pounds present at the facility at any time during the preceding calendar year, a request from a person must include the general need for the information. The State emergency response commission or local emergency planning committee may, pursuant to paragraph (1), request the facility owner or operator for the tier II information on behalf of the person making the request. Upon receipt of any information requested on behalf of such person, the State emergency response commission or local emergency planning committee shall make

the information available in accordance with section 324 to the person.

(D) **RESPONSE IN 45 DAYS.**—A State emergency response commission or local emergency planning committee shall respond to a request for tier II information under this paragraph no later than 45 days after the date of receipt of the request.

(4) **AVAILABILITY TO COMMUNITY WATER SYSTEMS.**—

(A) **IN GENERAL.**—An affected community water system may have access to tier II information by submitting a request to the State emergency response commission or the local emergency planning committee. Upon receipt of a request for tier II information, the State commission or local committee shall, pursuant to paragraph (1), request the facility owner or operator for the tier II information and make available such information to the affected community water system.

(B) **DEFINITION.**—In this paragraph, the term “affected community water system” means a community water system (as defined in section 1401(15) of the Safe Drinking Water Act) that receives supplies of drinking water from a source water area, delineated under section 1453 of the Safe Drinking Water Act, in which a facility that is required to prepare and submit an inventory form under subsection (a)(1) is located.

(f) **FIRE DEPARTMENT ACCESS.**—Upon request to an owner or operator of a facility which files an inventory form under this section by the fire department with jurisdiction over the facility, the owner or operator of the facility shall allow the fire department to conduct an on-site inspection of the facility and shall provide to the fire department specific location information on hazardous chemicals at the facility.

(g) **FORMAT OF FORMS.**—The Administrator shall publish a uniform format for inventory forms within three months after the date of the enactment of this title. If the Administrator does not publish such forms, owners and operators of facilities subject to the requirements of this section shall provide the information required under this section by letter.

* * * * *

ADDITIONAL VIEWS

Our nation's public drinking water systems serve over 300 million people, but aging and failing infrastructure threatens reliable access to safe drinking water. Earlier this year, the American Society of Civil Engineers published its periodic infrastructure report card, and rated our drinking water infrastructure a "D" grade.¹ Most of the pipes in this country are between 75 and 110 years old—at or beyond the expected limits of their useful life. Because of this, an estimated 240,000 water main breaks occur every year, wasting money, disrupting service, and compromising water quality.²

Lead is also a significant and growing threat from our aging infrastructure. Lead is present in our drinking water distribution systems in service lines, solder, and fixtures. As that infrastructure ages and corrodes, more lead can leach into drinking water.

To maintain safe drinking water delivery, public water systems will need to make significant investments to repair or replace infrastructure and equipment. EPA's most recent needs assessment for drinking water infrastructure estimated that \$384 billion will be necessary for infrastructure repairs by 2030.³ This amount grew significantly since the agency's last assessment, demonstrating that investment has not kept pace with need.⁴

Delaying these investments will increase costs because repairing damaged pipes is more expensive than replacing them before breakage.⁵ Old pipes will continue to break resulting in massive quantities of lost treated water, and prompting inefficient emergency repair expenditures. These costs are then passed onto the consumer in higher utility bills and increased service disruptions. We support the Drinking Water System Improvement Act, but believe that higher funding levels will ultimately be needed to address our drinking water infrastructure needs.

Over the course of the Committee's consideration of this bill, provisions were added to address several serious drinking water challenges, including resiliency to extreme weather and intentional attacks, improved consumer notification requirements, and improved monitoring. We strongly support these provisions, but note that some serious drinking water challenges are still not addressed by the bill. In particular, the onerous and unworkable standard setting process in place since the 1996 Safe Drinking Water Act Amendments is not changed by this bill. That ineffectual process

¹ American Society of Civil Engineers, *2017 Report Card for America's Infrastructure*, (online at www.infrastructurereportcard.org).

² *Id.*

³ U.S. Environmental Protection Agency, *Drinking Water Infrastructure Needs Survey and Assessment, Fifth Report to Congress* (April 2013) (EPA-816-R-13-006) (online at water.epa.gov/grants_funding/dwsrf/index.cfm).

⁴ *Id.*

⁵ *Id.*

has prevented EPA from revising and setting needed drinking water standards, including standards for lead, perchlorate, perfluorinated chemicals, and algal toxins.

Additionally, the impacts of Hurricanes Irma and Maria in Puerto Rico and the U.S. Virgin Islands show that the federal government must take a more active role in addressing drinking water needs throughout all of our nation. As we write, more than one month after Hurricane Maria hit Puerto Rico, roughly a quarter of the residents of Puerto Rico have no access to drinking water. Providing access to safe drinking water is a fundamental function of our government, and we must do more to meet our responsibility in U.S. territories.

We hope to build on the Drinking Water System Improvement Act in the coming months and years to address these remaining challenges and remaining funding needs.

FRANK PALLONE, Jr.,
*Ranking Member, Committee
on Energy and Commerce.*

PAUL D. TONKO,
*Ranking Member, Sub-
committee on Environ-
ment.*

Æ

To: Brown, Byron[brown.byron@epa.gov]
From: Bodine, Susan
Sent: Tue 11/7/2017 2:47:15 PM
Subject: Fwd:

Invite them to meeting?

Sent from my iPhone

Begin forwarded message:

From: "Dravis, Samantha" <dravis.samantha@epa.gov>
Date: November 7, 2017 at 9:45:02 AM EST
To: "Bodine, Susan" <bodine.susan@epa.gov>, "Bolen, Brittany" <bolen.brittany@epa.gov>

Can we circle back on 108b this morning, and discuss possible steps to help this along?

Sent from my iPad

To: Ferguson, Lincoln[ferguson.lincoln@epa.gov]; Lyons, Troy[lyons.troy@epa.gov]
Cc: Greenwalt, Sarah[greenwalt.sarah@epa.gov]; Cory, Preston (Katherine)[Cory.Preston@epa.gov]; Bowman, Liz[Bowman.Liz@epa.gov]; Ford, Hayley[ford.hayley@epa.gov]; Traylor, Patrick[traylor.patrick@epa.gov]
From: Bodine, Susan
Sent: Tue 11/21/2017 10:34:31 PM
Subject: revised memo
Memo to F **Ex. 5 - Deliberative Process** 7.docx

From: Ferguson, Lincoln
Sent: Tuesday, November 21, 2017 3:24 PM
To: Lyons, Troy <lyons.troy@epa.gov>
Cc: Bodine, Susan <bodine.susan@epa.gov>; Greenwalt, Sarah <greenwalt.sarah@epa.gov>; Cory, Preston (Katherine) <Cory.Preston@epa.gov>; Bowman, Liz <Bowman.Liz@epa.gov>; Ford, Hayley <ford.hayley@epa.gov>; Traylor, Patrick <traylor.patrick@epa.gov>
Subject: Re: Memo for the Administrator

Please come to the Admins office at 3:45 to finish this up before he leaves.

Sent from my iPhone

On Nov 21, 2017, at 3:14 PM, Lyons, Troy <lyons.troy@epa.gov> wrote:

Updated for your review

From: Lyons, Troy
Sent: Tuesday, November 21, 2017 3:06 PM
To: Bodine, Susan <bodine.susan@epa.gov>; Ferguson, Lincoln <ferguson.lincoln@epa.gov>
Cc: Greenwalt, Sarah <greenwalt.sarah@epa.gov>; Cory, Preston (Katherine) <Cory.Preston@epa.gov>; Bowman, Liz <Bowman.Liz@epa.gov>; Ford, Hayley <ford.hayley@epa.gov>; Traylor, Patrick <traylor.patrick@epa.gov>
Subject: RE: Memo for the Administrator
Importance: High

For the group's review

From: Bodine, Susan
Sent: Tuesday, November 21, 2017 3:03 PM
To: Ferguson, Lincoln <ferguson.lincoln@epa.gov>
Cc: Lyons, Troy <lyons.troy@epa.gov>; Greenwalt, Sarah <greenwalt.sarah@epa.gov>; Cory, Preston (Katherine) <Cory.Preston@epa.gov>; Bowman, Liz <[Bowman.Liz@epa.gov](mailto: Bowman.Liz@epa.gov)>; Ford, Hayley <ford.hayley@epa.gov>; Traylor, Patrick <traylor.patrick@epa.gov>
Subject: Re: Memo for the Administrator

Ex. 5 - Deliberative Process

Sounds like that is the plan

Sent from my iPhone

On Nov 21, 2017, at 2:54 PM, Ferguson, Lincoln <ferguson.lincoln@epa.gov> wrote:

Once this is complete, he'd like to meet with this group + Liz by the end of the day

From: Ferguson, Lincoln
Sent: Tuesday, November 21, 2017 2:28 PM
To: Bodine, Susan <bodine.susan@epa.gov>; Lyons, Troy <lyons.troy@epa.gov>; Greenwalt, Sarah <greenwalt.sarah@epa.gov>
Cc: Cory, Preston (Katherine) <Cory.Preston@epa.gov>
Subject: Memo for the Administrator

The Administrator just got off the phone with the Governor.

A few action items:

Ex. 5 - Deliberative Process

Lincoln Ferguson

Senior Advisor to the Administrator

U.S. EPA

(202) 564-1935

<Call with Governor Dauggard  1-21-17.docx>

To: Patrick Traylor (traylor.patrick@epa.gov)[traylor.patrick@epa.gov]
From: Bodine, Susan
Sent: Fri 9/22/2017 5:54:51 PM
Subject: FW: NSR Memo
Emissions Projection Rule Outline DRAFT.DOCX

She has not received any comments from OAR yet

From: Gunasekara, Mandy
Sent: Friday, September 22, 2017 1:54 PM
To: Bodine, Susan <bodine.susan@epa.gov>
Subject: NSR Memo

Attached is what I sent to program folks last Tuesday.

Mandy M. Gunasekara

Senior Policy Advisor for Office of Air and Radiation

Office of the Administrator

US Environmental Protection Agency

To: Patrick Traylor (traylor.patrick@epa.gov)[traylor.patrick@epa.gov]
From: Bodine, Susan
Sent: Mon 11/13/2017 6:53:46 PM
Subject: Insert for OECA Weekly OK Foods.docx
Insert for OECA Weekly OK Foods.docx

To: Jackson, Ryan[jackson.ryan@epa.gov]
Cc: Patrick Traylor (traylor.patrick@epa.gov)[traylor.patrick@epa.gov]
From: Bodine, Susan
Sent: Thur 10/26/2017 4:46:32 PM
Subject: enforcement confidential heads up -- SP recused
Ex. 5 - Deliberative Process note to Ryan Jackson (October 26 2017).docx

I will see you at 3:30 in the SF meeting if you have any questions.

To: Starfield, Lawrence[Starfield.Lawrence@epa.gov]; Patrick Traylor (traylor.patrick@epa.gov)[traylor.patrick@epa.gov]; Mark Badalamente (Badalamente.Mark@epa.gov)[Badalamente.Mark@epa.gov]; Miles, Erin[Miles.Erin@epa.gov]
From: Bodine, Susan
Sent: Mon 10/30/2017 4:24:04 PM
Subject: FW: SEPW letter for your review
09.28.17 EPW Dems TO Pruitt RE DOJ Superfund Budget.pdf
SEPW DOJ SF Enforcement Response.docx

1. Will you affirm your support for EPA reimbursement of the environmental litigation costs assumed by the DOJ Environment and Natural Resources Division, at levels consistent with the 27 percent share of the budget EPA has historically provided, as Congress finalizes the FY 2018 budget and as EPA prepares its FY 2019 budget request? If not, why not?

Ex. 5 - Deliberative Process

Can we say

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process --

From: Swack, David
Sent: Monday, October 30, 2017 11:42 AM
To: Starfield, Lawrence <Starfield.Lawrence@epa.gov>; Bodine, Susan <bodine.susan@epa.gov>; Traylor, Patrick <traylor.patrick@epa.gov>
Cc: Miles, Erin <Miles.Erin@epa.gov>; Badalamente, Mark <Badalamente.Mark@epa.gov>
Subject: FW: SEPW letter for your review

Larry/Susan/Patrick,

Attached is a draft response from OCFO to a letter from Senate Democrats (also attached) regarding funding for Superfund and other Agency programs in FY 18. I shared this with Cyndy as much of the response relates to funding for the DOJ IAG. Much of the proposed response mimics the language from the budget justification, but with some additions. Cyndy provided the following comment:

David

Ex. 5 - Deliberative Process

Let us know if you have other thoughts or comments. OCFO is trying to move this along today as the response is currently overdue. I understand they will be sharing with their political team as well for a final review. Thanks,

David

From: Delmonico, Lisa
Sent: Monday, October 30, 2017 9:53 AM
To: James, Christina <james.christina@epa.gov>; Strickland, Francine <Strickland.Francine@epa.gov>; Swack, David <Swack.David@epa.gov>; Warren, JohnM <Warren.JohnM@epa.gov>
Cc: Ripley, Laura <Ripley.Laura@epa.gov>
Subject: SEPW letter for your review

Hi OECA team,

We received the attached letter signed by several members of congress regarding, among other things, the DOJ funding (or lack thereof) in the 18 CJ. I think this went through OLEM (as it said superfund) and we would like to make sure OECA is ok with the response (also attached). This appears to have been due 10 days ago, so my apologies, but if you could please finalize your review and comments as soon as possible, it would be greatly appreciated!!!

If you need more info or have questions, please let me know.

Thanks,

Lisa

Lisa Delmonico, PMP

Program Analyst

OFCO-OB-TFAA

Delmonico.lisa@epa.gov

202-564-7037

JAMES M. INHOFE, OKLAHOMA
SHELLEY MOORE CAPITO, WEST VIRGINIA
JOHN BOOZMAN, ARKANSAS
ROGER WICKER, MISSISSIPPI
DEB FISCHER, NEBRASKA
JERRY MORAN, KANSAS
MIKE ROUNDS, SOUTH DAKOTA
JONI ERNST, IOWA
DAN SULLIVAN, ALASKA
RICHARD SHELBY, ALABAMA

THOMAS R. CARPER, DELAWARE
BENJAMIN L. CARDIN, MARYLAND
BERNARD SANDERS, VERMONT
SHELDON WHITEHOUSE, RHODE ISLAND
JEFF MERKLEY, OREGON
KIRSTEN GILLIBRAND, NEW YORK
CORY A. BOOKER, NEW JERSEY
EDWARD J. MARKEY, MASSACHUSETTS
TAMMY DUCKWORTH, ILLINOIS
KAMALA HARRIS, CALIFORNIA

United States Senate

COMMITTEE ON ENVIRONMENT AND PUBLIC WORKS

WASHINGTON, DC 20510-6175

RICHARD M. RUSSELL, MAJORITY STAFF DIRECTOR
GABRIELLE BATKIN, MINORITY STAFF DIRECTOR

September 28, 2017

The Honorable Scott Pruitt
Administrator
Environmental Protection Agency
1200 Pennsylvania Ave., NW
Washington, DC 20004

Dear Administrator Pruitt:

We write to convey our deep concerns regarding a report¹ that the Environmental Protection Agency (EPA) plans to eliminate all \$20 million in funding for the Department of Justice (DOJ)'s Environment and Natural Resources Division, which handles litigation on behalf of EPA when EPA seeks to recover the costs of cleaning up contaminated Superfund sites.

You have repeatedly asserted your strong support for the clean-up of contaminated Superfund sites, stating that "Superfund is an area that is absolutely essential²" and that "there is nothing more core to the agency's mission than revitalizing contaminated land³."

However, the actions proposed in the President's Fiscal Year (FY) 2018 budget request are not consistent with your stated support. In addition to the proposed cuts⁴ to the DOJ environmental litigation support budget, the President's budget proposal also proposed a 24 percent budget cut to the EPA Office of Enforcement and Compliance Assurance, a 44 percent cut to grants States have used to supplement their own enforcement efforts, and a 30 percent cut to EPA's Superfund budget. If these cuts are adopted, neither EPA nor State regulators will be able to adequately fund site clean-ups or enforce clean-up agreements, and DOJ will be unable to prosecute polluters in order to compel clean-ups to be paid for by those who caused the contamination in the first place. Such an outcome would be antithetical to your statement that "The past administration honestly just didn't pay attention to [it]... The days of talking are over⁵."

So that we can understand the extent to which you are committed to "communicating a message that the brownfields program, the Superfund program, water infrastructure... are essential to protect⁶," please provide us with a response to the following:

¹ https://mobile.nytimes.com/2017/09/27/us/politics/scott-pruitt-epa-justice-department-funding.html?smid=tw-share&_r=0&referrer=https://t.co/YMCXuTHxNI?amp=1

² https://www.washingtonpost.com/news/energy-environment/wp/2017/05/11/epa-head-says-he-wants-to-prioritize-superfund-cleanups/?utm_term=.175dbc829edf

³ <http://thehill.com/policy/energy-environment/343705-epa-head-orders-streamlining-in-superfund-cleanup-program>

⁴ <https://www.documentcloud.org/documents/4061910-EPA-Superfund-reimbursements-to-DOJ-documents.html#document/p7/a378119>

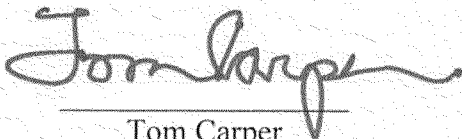
⁵ https://www.washingtonpost.com/national/health-science/scott-pruitt-vows-to-speed-the-nations-superfund-cleanups-communities-wonder-how/2017/06/18/353c6566-4b07-11e7-9669-250d0b15f83b_story.html?tid=a_inl&utm_term=.f79659f6a1f8

⁶ <http://www.washingtonexaminer.com/pruitt-looks-to-save-key-epa-grant-programs/article/2616268>

1. Will you affirm your support for EPA reimbursement of the environmental litigation costs assumed by the DOJ Environment and Natural Resources Division, at levels consistent with the 27 percent share of the budget EPA has historically provided, as Congress finalizes the FY 2018 budget and as EPA prepares its FY 2019 budget request? If not, why not?
2. Will you affirm your support for robust funding for EPA's Superfund programs, State grants used for toxic waste site clean-up and enforcement, and EPA's enforcement office, at levels consistent with fiscal year 2017 support for these programs, as Congress finalizes the FY 2018 budget and as EPA prepares the FY 2019 budget request? If not, why not?

Thank you very much for your attention to this important matter. Please provide your response no later than October 20, 2017. If you or members of your staff have further questions, please feel free to ask them to contact Michal Freedhoff at the Senate Committee on Environment and Public Works at (202) 224-8832.

Sincerely yours,



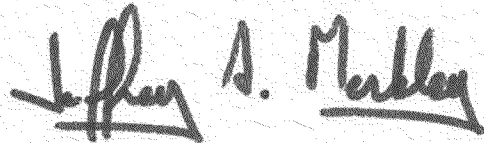
Tom Carper
Ranking Member



Bernard Sanders
U.S. Senator



Sheldon Whitehouse
U.S. Senator



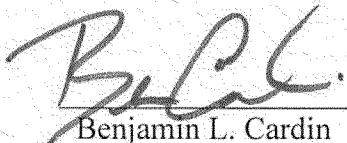
Jeffrey A. Merkley
U.S. Senator

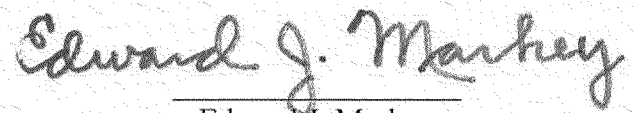



Kirsten Gillibrand
U.S. Senator




Cory A. Booker
U.S. Senator


Benjamin L. Cardin
U.S. Senator


Edward J. Markey
U.S. Senator


Tammy Duckworth
U.S. Senator


Kamala D. Harris
U.S. Senator

To: Traylor, Patrick[traylor.patrick@epa.gov]; Ferguson, Lincoln[ferguson.lincoln@epa.gov]
Cc: Yamada, Richard (Yujiro)[yamada.richard@epa.gov]
From: Bodine, Susan
Sent: Thur 10/26/2017 4:39:54 PM
Subject: RE: Louisiana Briefing Note

ORD is due to respond to Denka's request to reevaluate chloroprene by the end of October.

The local community is worked up:

<http://www.cnn.com/2017/10/20/health/louisiana-toxic-town/index.html>

From: Traylor, Patrick
Sent: Thursday, October 26, 2017 12:19 PM
To: Ferguson, Lincoln <ferguson.lincoln@epa.gov>
Cc: Bodine, Susan <bodine.susan@epa.gov>
Subject: Louisiana Briefing Note

Lincoln:

Here is a blurb you can place in the Administrator's New Orleans visit book. We want to be sure that the Administrator is aware of this situation if the Attorney General or someone at the Council meeting raises it.

Ex. 5 - Attorney Client

Ex. 5 - Attorney Client

Patrick

Patrick Traylor

Deputy Assistant Administrator

Office of Enforcement and Compliance Assurance

U.S. Environmental Protection Agency

(202) 564-5238 (office)

Ex. 6 - Personal Privacy (cell)

To: Falvo, Nicholas[falvo.nicholas@epa.gov]
Cc: Chu, Ed[Chu.Ed@epa.gov]
From: Bodine, Susan
Sent: Mon 11/6/2017 1:42:26 PM
Subject: Re: 9:30 Meeting this morning

Ok
Kell's office?

Sent from my iPhone

On Nov 6, 2017, at 8:37 AM, Falvo, Nicholas <falvo.nicholas@epa.gov> wrote:

Susan –

Are you available to meet with Ed Chu and Kell at 9:30 this morning?

Thanks

Nicholas Falvo

Special Assistant to the Senior Advisor

Environmental Protection Agency

Office of the Administrator

Falvo.Nicholas@epa.gov

Office: (202) 564-5075

Cell: Ex. 6 - Personal Privacy

To: Bowman, Liz[Bowman.Liz@epa.gov]; Ferguson, Lincoln[ferguson.lincoln@epa.gov]; Bennett, Tate[Bennett.Tate@epa.gov]
From: Bodine, Susan
Sent: Tue 11/7/2017 2:26:27 PM
Subject: FW: EOC Spot Report: Region 6, Dewey Public School Assessment, City of Dewey, OK.

FYSA

From: Eoc, Epahq
Sent: Tuesday, November 7, 2017 9:21 AM
To: Eoc, Epahq <Eoc.Epahq@epa.gov>
Subject: EOC Spot Report: Region 6, Dewey Public School Assessment, City of Dewey, OK.

This report is being sent as a bcc to prevent accidental Reply to All messages.

UNCLASSIFIED//FOR OFFICIAL USE ONLY



EOC Spot Report: Region 6, Dewey Public School Assessment, City of Dewey, OK. (No NRC Number Generated)

U.S. Environmental Protection Agency

Report as of July 24, 2017 at 1415 ET

Overview: Students from a High School located in Dewey, Oklahoma were experiencing seizure like symptoms and other neurological effects due to unknown causes.

State, Local and other Federal Agency Actions: As of November 6, 2017, water sampling conducted by the City of Dewey indicated results consistent with background levels. Additionally, Dewey Public School officials had arranged for the testing of mold and gas leaks which resulted in non-detects.

EPA Actions: On November 6, 2017 the Oklahoma Department of Environmental Quality (ODEQ) requested assistance from EPA to assess the school for potential contamination. EPA is currently coordinating with ODEQ, Oklahoma State Department of Health, EPA Environmental Response Team, Agency for Toxic Substances and Disease Registry, and Region 6 Risk Assessor. EPA Superfund Technical Assessment and Response Team and an EPA OSC are mobilizing to Dewey the morning of Tuesday, November 7th, to assist ODEQ with air and water sampling and monitoring.

Media Interest: Low (local)

Note: The HQ EOC will continue to monitor and provide updates as needed

Laura Casillas, Senior Watch Officer

U.S. Environmental Protection Agency

Headquarters Emergency Operations Center

1200 Pennsylvania Ave. N.W.

Washington, DC 20004

202-564-3850

<mailto:eoc.epahq@epa.gov>

To: Brown, Byron[brown.byron@epa.gov]
From: Bodine, Susan
Sent: Tue 11/28/2017 11:07:32 PM
Subject: settlements data
cerclis historical sites 41612.accdb

	SITE ID	SITE EPA ID	RREGION CODE	RSTATE CODE	SITE NAME	RAT CODE
1	0200772	NJD980654172	02	NJ	U.S. RADIUM CRO	
2	0701290	MOD980686281	07	MO	ORONOGO-DUERO	
3	0200996	NJD980785646	02	NJ	GLEN RIDGE RARO	
4	1000383	ORD009412677	10	OR	REYNOLDS METRO	
5	0200203	NJD002365930	02	NJ	SHIELDALLOY CRO	
6	1000195	IDD048340921	10	ID	BUNKER HILL MRO	
7	0202931	NJ1891837980	02	NJ	W.R. GRACE & CRO	
8	0202972	NYD986882660	02	NY	LI TUNGSTEN CRO	
9	1000424	ORD052221025	10	OR	MARTIN-MARIE TEH	
10	0302737	VAD980705404	03	VA	U.S. TITANIUM EH	
11	0200997	NJD980785653	02	NJ	MONTCLAIR/WERO	
12	0902075	CAD980817217	09	CA	COALINGA ASBRO	
13	0502150	INT190010876	05	IN	INTERNATIONALIRO	
14	1000981	WAD980726368	10	WA	COMMENCEMENTIRO	
15	0600819	NMD030443303	06	NM	UNITED NUCLEARRO	
16	0503034	MID980901946	05	MI	TORCH LAKE RO	
17	0901736	CAD980496863	09	CA	ATLAS ASBESTRO	
18	0901755	CAD980498612	09	CA	IRON MOUNTAINIRO	
19	0405468	TND987768546	04	TN	CHEMET CO. RO	
20	0404344	ALD041906173	04	AL	INTERSTATE LERO	
21	0800247	COD980716955	08	CO	DENVER RADIURO	
22	0800257	COD980717557	08	CO	CENTRAL CITY, RO	
23	0800078	COD007063530	08	CO	ASARCO, INC. (CRO	
24	0800159	COD081961518	08	CO	EAGLE MINE RO	
25	0600952	NMD981155930	06	NM	CLEVELAND MIJQ	
26	0600952	NMD981155930	06	NM	CLEVELAND MIRO	
27	0601269	OKD980629844	06	OK	TAR CREEK (OTRO	
28	0600816	NMD007860935	06	NM	HOMESTAKE MIRO	
29	0800641	UTD081834277	08	UT	MIDVALE SLAG RO	
30	0601010	OKD000829440	06	OK	NATIONAL ZINCRO	
31	0903020	NVD980813646	09	NV	CARSON RIVERRO	
32	0800867	UT3890090035	08	UT	MONTICELLO MRO	
33	0801194	COD983778432	08	CO	SUMMITVILLE MRO	
34	0600897	NMD980749378	06	NM	CIMARRON MINRO	
35	0800377	MTD006230346	08	MT	EAST HELENA SRO	
36	0800679	UTD980667208	08	UT	MONTICELLO RRO	
37	0602105	TXD062113329	06	TX	TEX-TIN CORP. RO	
38	0800377	MTD006230346	08	MT	EAST HELENA SEH	
39	0602297	TXD079348397	06	TX	RSR CORPORARO	
40	0504223	OHD004379970	05	OH	ORMET CORP. RO	
41	0801194	COD983778432	08	CO	SUMMITVILLE MJQ	
42	0800416	MTD980502777	08	MT	SILVER BOW CF EH	
43	0800247	COD980716955	08	CO	DENVER RADIUEH	
44	0800159	COD081961518	08	CO	EAGLE MINE JQ	
45	0801478	COD980717938	08	CO	CALIFORNIA GUJQ	
46	0801085	COD983769738	08	CO	SMELTERTOWNRO	
47	0800601	UTD000826404	08	UT	KENNECOTT (SRO	
48	0700667	KSD980741862	07	KS	CHEROKEE COIEH	
49	0700667	KSD980741862	07	KS	CHEROKEE COIRO	
50	0401991	KYD049062375	04	KY	NATIONAL SOUTRO	
51	0800445	MTD980717565	08	MT	MILLTOWN RESRO	
52	0800570	SDD980717136	08	SD	WHITEWOOD CRO	
53	1000195	IDD048340921	10	ID	BUNKER HILL MEH	
54	0901938	CAD980638860	09	CA	CELTOR CHEMIRO	
55	0800403	MTD093291656	08	MT	ANACONDA CORO	
56	0800416	MTD980502777	08	MT	SILVER BOW CFRO	
57	0800694	UTD980951388	08	UT	SHARON STEELRO	
58	0800076	COD007063274	08	CO	URAVAN URANIRO	
59	0301103	PAD077087989	03	PA	FOOTE MINERARO	
60	1001308	IDD984666610	10	ID	EASTERN MICHRO	
61	1001508	OR7122307658	10	OR	FREMONT NATIRO	
62	1000948	WAD980722789	10	WA	SILVER MOUNTIRO	
63	1000195	IDD048340921	10	ID	BUNKER HILL MJQ	
64	1000421	ORD050955848	10	OR	TELEDYNE WAEH	
65	0301569	PAD980829493	03	PA	JACKS CREEK/SRO	
66	0300624	PAD002395887	03	PA	PALMERTON ZIIRO	
67	0302737	VAD980705404	03	VA	U.S. TITANIUM RO	

	SITE ID	SITE EPA ID	RREGION CODE	RSTATE CODE	SITE NAME	RAT CODE
68	0401991	KYD049062375	04	KY	NATIONAL SOU	EH
69	0604674	OKD987096195	06	OK	TULSA FUEL AN	RO
70	0800261	COD980806277	08	CO	SMUGGLER MOE	EH
71	0800694	UTD980951388	08	UT	SHARON STEELE	EH
72	0400578	FLD010596013	04	FL	STAUFFER CHERO	RO
73	0800445	MTD980717565	08	MT	MILLTOWN RES	JQ
74	0800261	COD980806277	08	CO	SMUGGLER MORO	RO
75	0801478	COD980717938	08	CO	CALIFORNIA GUE	H
76	0801478	COD980717938	08	CO	CALIFORNIA GLU	RO
77	0800403	MTD093291656	08	MT	ANACONDA CO	EH
78	0800570	SDD980717136	08	SD	WHITEWOOD CE	H
79	0800403	MTD093291656	08	MT	ANACONDA CO	JQ
80	0800697	UTD980951420	08	UT	MURRAY SMELT	RO
81	0406784	SCD003360476	04	SC	MACALLOY CO	RO
82	0703481	NESFN0703481	07	NE	OMAHA LEAD	RO
83	0602105	TXD062113329	06	TX	TEX-TIN CORP.	JQ
84	0904343	CAD983618893	09	CA	LAVA CAP MINER	RO
85	0801057	MTD982572562	08	MT	BASIN MINING A	RO
86	0800650	UTD093120921	08	UT	INTERNATIONAI	RO
87	0801646	CO0002259588	08	CO	VASQUEZ BOUL	RO
88	0801699	MTSFN7578012	08	MT	UPPER TENMILI	RO
89	0800636	UTD070926811	08	UT	KENNECOTT (N	RO
90	0800705	UTD980952840	08	UT	RICHARDSON FRO	RO
91	0801674	UT0002391472	08	UT	JACOBS SMELT	RO
92	0800892	COD981551427	08	CO	CAPTAIN JACK	RO
93	0801668	SDD987673985	08	SD	GILT EDGE MINI	RO
94	0801644	UT0002240158	08	UT	EUREKA MILLS	RO
95	0102071	VTD988366621	01	VT	ELIZABETH MIN	RO
96	0801257	UTD988075719	08	UT	DAVENPORT AN	RO
97	0101028	MED980524128	01	ME	CALLAHAN MINI	RO
98	0301569	PAD980829493	03	PA	JACKS CREEK/S	EH
99	0801507	MT0001096353	08	MT	CARPENTER S	RO
100	0702917	MO0000958611	07	MO	ANNAPOLIS LEA	RO
101	1000421	ORD050955848	10	OR	TELEDYNE WA	RO
102	1000597	WAD009045279	10	WA	ALCOA (VANCOR	RO
103	0800247	COD980716955	08	CO	DENVER RADIU	JQ
104	1000551	WAD000065508	10	WA	KAISER ALUMIN	RO
105	1000256	IDD980725832	10	ID	BLACKBIRD MIN	RO
106	1000424	ORD052221025	10	OR	MARTIN-MARIE	RO
107	1000948	WAD980722789	10	WA	SILVER MOUNT	EH
108	1000981	WAD980726368	10	WA	COMMENCEME	EH
109	1001070	WAD980978753	10	WA	MIDNITE MINE	RO
110	1000213	IDD081830994	10	ID	MONSANTO CHRO	RO
111	0500648	ILD980606941	05	IL	EAGLE ZINC CCRO	RO
112	0300624	PAD002395887	03	PA	PALMERTON ZII	EH
113	0701102	MOD098633415	07	MO	MADISON COUN	RO
114	0405550	SCD987577913	04	SC	BREWER GOLDRO	RO
115	0601269	OKD980629844	06	OK	TAR CREEK (OTE	H
116	0800257	COD980717557	08	CO	CENTRAL CITY,	JQ
117	0800257	COD980717557	08	CO	CENTRAL CITY,	EH
118	0202931	NJ1891837980	02	NJ	W.R. GRACE & C	EH
119	0400578	FLD010596013	04	FL	STAUFFER CHEE	H
120	0504223	OHD004379970	05	OH	ORMET CORP.	EH
121	0801257	UTD988075719	08	UT	DAVENPORT ANE	H
122	0202972	NYD986882660	02	NY	LI TUNGSTEN CE	H
123	0904343	CAD983618893	09	CA	LAVA CAP MINEE	H
124	1000256	IDD980725832	10	ID	BLACKBIRD MINE	H
125	0800601	UTD000826404	08	UT	KENNECOTT (S	EH
126	0700667	KSD980741862	07	KS	CHEROKEE CO	JQ
127	0800641	UTD081834277	08	UT	MIDVALE SLAG	EH
128	0801699	MTSFN7578012	08	MT	UPPER TENMILI	JQ
129	1001508	OR7122307658	10	OR	FREMONT NATI	EH
130	0102071	VTD988366621	01	VT	ELIZABETH MIN	EH
131	0800867	UT3890090035	08	UT	MONTICELLO ME	H
132	0301103	PAD077087989	03	PA	FOOTE MINERA	EH
133	0702917	MO0000958611	07	MO	ANNAPOLIS LEA	EH
134	0503034	MID980901946	05	MI	TORCH LAKE	JQ

	SITE ID	SITE EPA ID	RREGION CODE	RSTATE CODE	SITE NAME	RAT CODE
135	0502150	INT190010876	05	IN	INTERNATIONAL	EH
136	0200997	NJD980785653	02	NJ	MONTCLAIR/WERO	
137	0302737	VAD980705404	03	VA	U.S. TITANIUM	EH
138	0200996	NJD980785646	02	NJ	GLEN RIDGE R	ARO
139	0901736	CAD980496863	09	CA	ATLAS ASBEST	RO
140	0503034	MID980901946	05	MI	TORCH LAKE	RO
141	0800247	COD980716955	08	CO	DENVER RADIU	RO
142	0601010	OKD000829440	06	OK	NATIONAL ZINC	RO
143	0600897	NMD980749378	06	NM	CIMARRON MIN	RO
144	0601269	OKD980629844	06	OK	TAR CREEK (O	RO
145	0800416	MTD980502777	08	MT	SILVER BOW C	RO
146	0800403	MTD093291656	08	MT	ANACONDA CO	RO
147	0800694	UTD980951388	08	UT	SHARON STEEL	RO
148	0800247	COD980716955	08	CO	DENVER RADIU	EH
149	0602297	TXD079348397	06	TX	RSR CORPORA	RO
150	0801478	COD980717938	08	CO	CALIFORNIA GL	EH
151	0800115	COD042167858	08	CO	LINCOLN PARK	RO
152	0800641	UTD081834277	08	UT	MIDVALE SLAG	RO
153	0701290	MOD980686281	07	MO	ORONOGO-DUE	RO
154	0700667	KSD980741862	07	KS	CHEROKEE CO	RO
155	0902075	CAD980817217	09	CA	COALINGA ASB	RO
156	0401991	KYD049062375	04	KY	NATIONAL SOU	RO
157	0800377	MTD006230346	08	MT	EAST HELENA S	RO
158	0800257	COD980717557	08	CO	CENTRAL CITY,	RO
159	0300624	PAD002395887	03	PA	PALMERTON ZII	RO
160	0901755	CAD980498612	09	CA	IRON MOUNTAI	RO
161	0901938	CAD980638860	09	CA	CELTOR CHEMI	RO
162	1000421	ORD050955848	10	OR	TELEDYNE WA	EH
163	0200772	NJD980654172	02	NJ	U.S. RADIUM C	RO
164	0404344	ALD041906173	04	AL	INTERSTATE L	RO
165	0602105	TXD062113329	06	TX	TEX-TIN CORP.	RO
166	0800867	UT3890090035	08	UT	MONTICELLO M	RO
167	0801478	COD980717938	08	CO	CALIFORNIA GU	RO
168	0801194	COD983778432	08	CO	SUMMITVILLE M	RO
169	0800416	MTD980502777	08	MT	SILVER BOW C	EH
170	0800261	COD980806277	08	CO	SMUGGLER MOE	EH
171	0800601	UTD000826404	08	UT	KENNECOTT (S	RO
172	0801644	UT0002240158	08	UT	EUREKA MILLS	RO
173	0801257	UTD988075719	08	UT	DAVENPORT AN	RO
174	0300530	PAD001933175	03	PA	SHARON STEEL	RO
175	0801668	SDD987673985	08	SD	GILT EDGE MINI	RO
176	1000421	ORD050955848	10	OR	TELEDYNE WA	RO
177	1000981	WAD980726368	10	WA	COMMENCEME	RO
178	1000195	IDD048340921	10	ID	BUNKER HILL M	RO
179	0500396	ILD062340641	05	IL	DEPUE/NEW J	RO
180	1000981	WAD980726368	10	WA	COMMENCEME	EH
181	1000195	IDD048340921	10	ID	BUNKER HILL M	JQ
182	0301569	PAD980829493	03	PA	JACKS CREEK/S	EH
183	1000383	ORD009412677	10	OR	REYNOLDS MET	RO
184	0703481	NESFN0703481	07	NE	OMAHA LEAD	RO
185	0904343	CAD983618893	09	CA	LAVA CAP MIN	RO
186	0700667	KSD980741862	07	KS	CHEROKEE CO	JQ
187	0702917	MO0000958611	07	MO	ANNAPOLIS LE	RO
188	0202972	NYD986882660	02	NY	LI TUNGSTEN C	EH
189	0202972	NYD986882660	02	NY	LI TUNGSTEN C	RO
190	0800601	UTD000826404	08	UT	KENNECOTT (S	EH
191	0800257	COD980717557	08	CO	CENTRAL CITY,	JQ
192	1000421	ORD050955848	10	OR	TELEDYNE WA	RO
193	1000195	IDD048340921	10	ID	BUNKER HILL M	EH
194	0701290	MOD980686281	07	MO	ORONOGO-DUE	RO
195	0404344	ALD041906173	04	AL	INTERSTATE L	RO
196	0300624	PAD002395887	03	PA	PALMERTON ZII	RO
197	0200997	NJD980785653	02	NJ	MONTCLAIR/WERO	
198	0800247	COD980716955	08	CO	DENVER RADIU	RO
199	0800159	COD081961518	08	CO	EAGLE MINE	RO
200	0801194	COD983778432	08	CO	SUMMITVILLE M	RO
201	0800403	MTD093291656	08	MT	ANACONDA CO	RO

	SITE ID	SITE EPA ID	RREGION CODE	RSTATE CODE	SITE NAME	RAT CODE
202	0800445	MTD980717565	08	MT	MILLTOWN RESRO	
203	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
204	0800257	COD980717557	08	CO	CENTRAL CITY, RO	
205	0800261	COD980806277	08	CO	SMUGGLER MOEH	
206	0602297	TXD079348397	06	TX	RSR CORPORA RO	
207	0801478	COD980717938	08	CO	CALIFORNIA GLEH	
208	0700667	KSD980741862	07	KS	CHEROKEE COIRO	
209	0800416	MTD980502777	08	MT	SILVER BOW CFRO	
210	0901755	CAD980498612	09	CA	IRON MOUNTAINRO	
211	0200772	NJD980654172	02	NJ	U.S. RADIUM CRO	
212	0602105	TXD062113329	06	TX	TEX-TIN CORP. RO	
213	0200996	NJD980785646	02	NJ	GLEN RIDGE RARO	
214	0800247	COD980716955	08	CO	DENVER RADIUEH	
215	0800867	UT3890090035	08	UT	MONTICELLO MRO	
216	0601269	OKD980629844	06	OK	TAR CREEK (OTRO	
217	0800601	UTD000826404	08	UT	KENNECOTT (SRO	
218	0302737	VAD980705404	03	VA	U.S. TITANIUM EH	
219	0801668	SDD987673985	08	SD	GILT EDGE MINIRO	
220	1000981	WAD980726368	10	WA	COMMENCEME RO	
221	1000195	IDD048340921	10	ID	BUNKER HILL MRO	
222	1000981	WAD980726368	10	WA	COMMENCEME EH	
223	0800257	COD980717557	08	CO	CENTRAL CITY, EH	
224	0702917	MO0000958611	07	MO	ANNAPOLIS LEARO	
225	0202972	NYD986882660	02	NY	LI TUNGSTEN CRO	
226	1000981	WAD980726368	10	WA	COMMENCEME EH	
227	0700667	KSD980741862	07	KS	CHEROKEE COIRO	
228	0901755	CAD980498612	09	CA	IRON MOUNTAINRO	
229	0800416	MTD980502777	08	MT	SILVER BOW CFRO	
230	0800445	MTD980717565	08	MT	MILLTOWN RESRO	
231	0602297	TXD079348397	06	TX	RSR CORPORA RO	
232	0800247	COD980716955	08	CO	DENVER RADIURO	
233	0602105	TXD062113329	06	TX	TEX-TIN CORP. RO	
234	0800261	COD980806277	08	CO	SMUGGLER MOEH	
235	0800247	COD980716955	08	CO	DENVER RADIUEH	
236	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
237	0800403	MTD093291656	08	MT	ANACONDA CO RO	
238	0800257	COD980717557	08	CO	CENTRAL CITY, RO	
239	0800601	UTD000826404	08	UT	KENNECOTT (SRO	
240	0800867	UT3890090035	08	UT	MONTICELLO MRO	
241	0801668	SDD987673985	08	SD	GILT EDGE MINIRO	
242	1000981	WAD980726368	10	WA	COMMENCEME RO	
243	0801478	COD980717938	08	CO	CALIFORNIA GLEH	
244	1000421	ORD050955848	10	OR	TELEDYNE WAIEH	
245	0800403	MTD093291656	08	MT	ANACONDA CO RO	
246	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
247	0800247	COD980716955	08	CO	DENVER RADIURO	
248	0800261	COD980806277	08	CO	SMUGGLER MOEH	
249	0602297	TXD079348397	06	TX	RSR CORPORA RO	
250	0800247	COD980716955	08	CO	DENVER RADIUEH	
251	0800416	MTD980502777	08	MT	SILVER BOW CFRO	
252	0901755	CAD980498612	09	CA	IRON MOUNTAINRO	
253	0800601	UTD000826404	08	UT	KENNECOTT (SRO	
254	1000981	WAD980726368	10	WA	COMMENCEME EH	
255	1000981	WAD980726368	10	WA	COMMENCEME RO	
256	0800247	COD980716955	08	CO	DENVER RADIURO	
257	0801194	COD983778432	08	CO	SUMMITVILLE MRO	
258	0700667	KSD980741862	07	KS	CHEROKEE COIRO	
259	0800416	MTD980502777	08	MT	SILVER BOW CFRO	
260	1000981	WAD980726368	10	WA	COMMENCEME EH	
261	0800247	COD980716955	08	CO	DENVER RADIUEH	
262	0602297	TXD079348397	06	TX	RSR CORPORA RO	
263	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
264	1000981	WAD980726368	10	WA	COMMENCEME RO	
265	1000981	WAD980726368	10	WA	COMMENCEME RO	
266	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
267	0800247	COD980716955	08	CO	DENVER RADIUEH	
268	0700667	KSD980741862	07	KS	CHEROKEE COIRO	

	SITE ID	SITE EPA ID	RREGION CODE	RSTATE CODE	SITE NAME	RAT CODE
269	0800247	COD980716955	08	CO	DENVER RADIURO	
270	1000981	WAD980726368	10	WA	COMMENCEME	EH
271	0800247	COD980716955	08	CO	DENVER RADIURO	
272	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
273	1000981	WAD980726368	10	WA	COMMENCEME	EH
274	0800247	COD980716955	08	CO	DENVER RADIUEH	
275	0800247	COD980716955	08	CO	DENVER RADIURO	
276	1000981	WAD980726368	10	WA	COMMENCEME	EH
277	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
278	0800247	COD980716955	08	CO	DENVER RADIURO	
279	1000981	WAD980726368	10	WA	COMMENCEME	EH
280	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
281	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
282	0801478	COD980717938	08	CO	CALIFORNIA GLURO	
283	0801478	COD980717938	08	CO	CALIFORNIA GLURO	

	OU ID	ACT CODE ID	RALT CODE	ACT ACTL CMPLTN DAT	ACT FIRST COMPL FLA
1	01	001	F	9/21/93 12:00 AMB	
2	02	001	F	8/1/96 12:00 AMB	
3	01	001	F	6/30/89 12:00 AMB	
4	01	001	FE	9/30/2002 12:00 AMB	
5	01	001	FE	9/24/96 12:00 AMB	
6	01	001	F	8/30/91 12:00 AMB	
7	01	001	FF	5/15/2000 12:00 AMA	
8	01	001	F	9/30/99 12:00 AMB	
9	01	001	FE	9/23/94 12:00 AMA	
10	01	001	F	9/26/90 12:00 AMB	
11	01	001	F	6/30/89 12:00 AMB	
12	02	001	FE	7/19/89 12:00 AMB	
13	01	001	FE	6/22/88 12:00 AMA	
14	23	001	FE	12/30/87 12:00 AMB	
15	01	001	F	9/30/88 12:00 AMA	
16	01	001	F	9/30/92 12:00 AMB	
17	02	001	FE	7/19/89 12:00 AMB	
18	01	001	F	10/3/86 12:00 AMB	
19	01	001	F	5/15/96 12:00 AMA	
20	01	001	F	9/30/91 12:00 AMB	
21	07	001	F	3/24/86 12:00 AMB	
22	01	001	F	9/30/87 12:00 AMB	
23	03	001	FE	2/18/93 12:00 AMA	
24	01	001	SR	5/20/88 12:00 AMB	
25	01	001	F	9/20/99 12:00 AME	
26	01	001	F	9/22/93 12:00 AMA	
27	01	001	F	6/6/84 12:00 AMB	
28	01	001	FE	9/27/89 12:00 AMA	
29	01	001	S	4/28/95 12:00 AMB	
30	01	001	S	12/13/94 12:00 AMB	
31	01	001	F	3/30/95 12:00 AMB	
32	01	001	FF	9/20/90 12:00 AMB	
33	01	001	F	12/15/94 12:00 AMB	
34	01	001	F	9/21/90 12:00 AMB	
35	01	001	FE	11/22/89 12:00 AMB	
36	01	001	FE	9/29/89 12:00 AMA	
37	01	001	F	5/17/99 12:00 AMB	
38	01	001	FE	6/17/93 12:00 AMA	
39	01	001	F	5/9/95 12:00 AMB	
40	01	001	FE	9/12/94 12:00 AMA	
41	05	001	F	12/15/94 12:00 AMA	
42	04	001	FE	6/24/91 12:00 AMB	
43	07	001	F	9/15/92 12:00 AMB	
44	01	001	FE	3/29/93 12:00 AMB	
45	01	001	FE	3/23/89 12:00 AMB	
46	02	001	FE	6/4/98 12:00 AMA	
47	02	001	F	12/13/2000 12:00 AMC	
48	01	001	F	7/27/89 12:00 AMA	
49	01	001	F	12/21/87 12:00 AMB	
50	01	001	FE	2/19/93 12:00 AMB	
51	01	001	F	4/14/84 12:00 AMB	
52	01	001	FE	3/30/90 12:00 AMA	
53	02	001	FE	1/18/96 12:00 AMB	
54	02	001	F	10/4/83 12:00 AMB	
55	15	001	FE	10/2/87 12:00 AMB	
56	04	001	FE	9/28/90 12:00 AMB	
57	02	001	FE	9/24/90 12:00 AMB	
58	01	001	SR	10/31/86 12:00 AMA	
59	01	001	FE	3/31/2006 12:00 AMA	
60	01	001	FE	6/8/98 12:00 AMA	
61	02	001	FF	9/28/2001 12:00 AMA	
62	01	001	F	3/27/90 12:00 AMA	
63	02	001	F	9/9/96 12:00 AMB	
64	01	001	FE	10/8/96 12:00 AMB	
65	01	001	FE	9/30/97 12:00 AMA	
66	01	001	F	9/4/87 12:00 AMB	
67	01	001	F	11/21/89 12:00 AMA	

	OU ID	ACT CODE ID	RALT CODE	ACT ACTL CMPLTN DAT	ACT FIRST COMPL FLA
68	01	001	FE	7/7/94 12:00 AMA	
69	01	001	F	11/24/2008 12:00 AMA	
70	01	001	FE	3/1/89 12:00 AMB	
71	02	001	FE	6/23/94 12:00 AMA	
72	01	001	FE	7/2/98 12:00 AMB	
73	01	001	F	8/7/85 12:00 AMA	
74	01	001	FE	9/26/86 12:00 AMA	
75	01	001	FE	4/1/89 12:00 AMB	
76	01	001	FE	3/29/88 12:00 AMB	
77	07	001	F	11/6/95 12:00 AMB	
78	01	001	FE	6/1/91 12:00 AMA	
79	15	001	FE	1/6/88 12:00 AMB	
80	01	001	F	4/1/98 12:00 AMA	
81	01	001	F	8/21/2002 12:00 AMA	
82	01	001	F	12/15/2004 12:00 AMB	
83	01	001	F	9/28/2000 12:00 AMA	
84	01	001	F	9/28/2004 12:00 AMB	
85	01	001	F	3/30/2001 12:00 AMB	
86	01	001	F	9/27/2007 12:00 AMA	
87	01	001	F	9/25/2003 12:00 AMB	
88	04	001	F	6/28/2002 12:00 AMA	
89	08	001	FE	9/26/2002 12:00 AMA	
90	01	001	F	7/6/2005 12:00 AMA	
91	01	001	S	7/29/99 12:00 AMB	
92	01	001	SC	9/29/2008 12:00 AMA	
93	01	001	F	9/29/2008 12:00 AMC	
94	00	001	F	9/30/2002 12:00 AMB	
95	01	001	F	9/28/2006 12:00 AMA	
96	01	001	F	9/30/2002 12:00 AMB	
97	01	001	FE	9/30/2009 12:00 AMA	
98	01	001	FE	4/19/2001 12:00 AMB	
99	01	001	F	4/6/2009 12:00 AMB	
100	01	001	F	9/29/2005 12:00 AMB	
101	02	001	FE	12/28/89 12:00 AMB	
102	01	001	SR	2/7/92 12:00 AMA	
103	08	001	FE	6/16/2000 12:00 AMA	
104	01	001	SW	5/1/2002 12:00 AMA	
105	01	001	FE	3/3/2003 12:00 AMA	
106	01	001	FE	9/29/88 12:00 AMA	
107	01	001	F	10/12/94 12:00 AMA	
108	23	001	FE	11/1/91 12:00 AMB	
109	01	001	F	9/29/2006 12:00 AMA	
110	01	001	FE	4/30/97 12:00 AMA	
111	01	001	FE	9/16/2009 12:00 AMB	
112	02	001	F	8/27/2002 12:00 AMA	
113	03	001	F	7/31/2008 12:00 AMB	
114	01	001	F	9/29/2005 12:00 AMB	
115	02	001	F	8/30/2007 12:00 AMA	
116	03	001	F	9/22/2003 12:00 AMB	
117	02	001	F	9/1/99 12:00 AMB	
118	01	001	FE	12/10/2003 12:00 AMA	
119	01	001	FE	5/24/2007 12:00 AMA	
120	01	001	F	4/1/97 12:00 AMA	
121	01	001	F	11/15/2005 12:00 AMA	
122	02	001	F	10/28/2002 12:00 AMB	
123	01	001	F	9/29/2006 12:00 AMA	
124	01	001	FE	7/27/2007 12:00 AMA	
125	02	001	F	6/23/2003 12:00 AMB	
126	04	001	F	9/29/2006 12:00 AMA	
127	01	001	F	2/10/2006 12:00 AMA	
128	04	001	F	9/29/2008 12:00 AMA	
129	02	001	FF	9/28/2006 12:00 AMA	
130	01	001	F	9/26/2008 12:00 AMA	
131	03	001	FF	3/12/2009 12:00 AMA	
132	01	001	FE	4/7/2008 12:00 AMA	
133	01	001	F	9/9/2008 12:00 AMA	
134	01	001	F	7/31/2009 12:00 AMA	

	OU ID	ACT CODE ID	RALT CODE	ACT ACTL CMPLTN DAT	ACT FIRST COMPL FLA
135	01	001	FE	9/22/2009 12:00 AMA	
136	02	002	F	9/14/2005 12:00 AMD	
137	01	002	F	2/3/95 12:00 AMC	
138	02	002	F	9/14/2005 12:00 AMD	
139	01	002	F	2/14/91 12:00 AMD	
140	02	002	FE	3/31/94 12:00 AMD	
141	04	002	F	9/30/86 12:00 AMC	
142	02	002	S	10/2/96 12:00 AMD	
143	02	002	F	9/6/91 12:00 AMD	
144	02	002	F	8/27/97 12:00 AMC	
145	12	002	FE	6/30/92 12:00 AMC	
146	11	002	FE	9/23/91 12:00 AMC	
147	01	002	F	12/9/93 12:00 AMD	
148	02	002	F	9/13/93 12:00 AMC	
149	02	002	F	5/9/95 12:00 AMC	
150	01	002	FE	10/1/91 12:00 AMC	
151	02	002	F	1/3/2002 12:00 AMA	
152	02	002	F	10/29/2002 12:00 AMD	
153	01	002	FE	9/30/2004 12:00 AMC	
154	05	002	F	9/18/89 12:00 AMC	
155	01	002	FE	9/21/90 12:00 AMD	
156	00	002	FE	7/6/2000 12:00 AMD	
157	02	002	F	9/17/2009 12:00 AMD	
158	02	002	F	3/31/88 12:00 AMC	
159	02	002	F	6/29/88 12:00 AMC	
160	02	002	F	9/30/92 12:00 AMC	
161	01	002	F	9/30/85 12:00 AMD	
162	03	002	FE	9/28/2001 12:00 AMC	
163	02	002	F	8/29/95 12:00 AMC	
164	02	002	F	10/13/94 12:00 AMC	
165	04	002	F	9/27/2001 12:00 AMC	
166	02	002	FF	9/20/90 12:00 AMC	
167	10	002	FE	8/8/97 12:00 AMC	
168	02	002	F	12/15/94 12:00 AMC	
169	01	002	FE	8/31/98 12:00 AMD	
170	01	002	FE	3/1/90 12:00 AMC	
171	01	002	FE	11/3/98 12:00 AMB	
172	00	002	F	9/30/2002 12:00 AMC	
173	02	002	SC	9/16/2009 12:00 AMD	
174	01	002	F	11/14/2006 12:00 AMB	
175	02	002	F	4/23/2001 12:00 AMB	
176	01	002	FE	6/10/94 12:00 AMC	
177	01	002	F	9/30/89 12:00 AMC	
178	02	002	FE	9/22/92 12:00 AMC	
179	01	002	SC	10/3/2003 12:00 AMB	
180	01	002	F	6/24/93 12:00 AMC	
181	02	002	F	12/10/2001 12:00 AMC	
182	01	002	F	12/30/2004 12:00 AMD	
183	02	002	FE	9/29/2006 12:00 AMD	
184	02	002	F	5/13/2009 12:00 AMD	
185	02	002	F	9/30/2008 12:00 AMC	
186	03	002	F	9/29/2006 12:00 AME	
187	02	002	F	6/28/2007 12:00 AMC	
188	02	002	F	5/2/2005 12:00 AMD	
189	02	002	F	9/30/99 12:00 AME	
190	02	002	F	6/12/2007 12:00 AMD	
191	04	002	F	9/25/2006 12:00 AMC	
192	03	003	FE	9/27/95 12:00 AMD	
193	02	003	FE	4/8/98 12:00 AMD	
194	04	003	FE	7/29/98 12:00 AMC	
195	03	003	F	9/29/95 12:00 AMD	
196	03	003	FE	10/9/2001 12:00 AMC	
197	03	003	F	6/1/90 12:00 AMC	
198	05	003	F	6/30/87 12:00 AMC	
199	02	003	F	9/3/98 12:00 AMD	
200	04	003	F	12/15/94 12:00 AMC	
201	07	003	F	3/8/94 12:00 AMC	

	OU ID	ACT CODE ID	RALT CODE	ACT ACTL CMPLTN DAT	ACT FIRST COMPL FLA
202	02	003	FE	12/15/2004 12:00 AMD	
203	09	003	FE	9/2/99 12:00 AMC	
204	03	003	F	9/30/91 12:00 AMC	
205	01	003	FE	5/16/90 12:00 AMC	
206	03	003	F	9/30/97 12:00 AMD	
207	01	003	FE	10/1/91 12:00 AMC	
208	07	003	F	7/29/96 12:00 AMC	
209	03	003	FE	9/29/94 12:00 AMC	
210	03	003	F	9/24/93 12:00 AMC	
211	03	003	F	9/27/2006 12:00 AMD	
212	03	003	F	9/29/2000 12:00 AMC	
213	03	003	F	6/1/90 12:00 AMC	
214	03	003	F	12/13/93 12:00 AMC	
215	03	003	FF	9/29/98 12:00 AMC	
216	04	003	F	2/20/2008 12:00 AMC	
217	03	003	F	9/28/2001 12:00 AMC	
218	01	003	F	9/25/2002 12:00 AMD	
219	03	003	F	8/30/2001 12:00 AMC	
220	05	003	F	9/30/89 12:00 AMC	
221	03	003	F	9/12/2002 12:00 AMD	
222	22	003	F	11/29/93 12:00 AMC	
223	03	003	F	6/6/2005 12:00 AMD	
224	03	003	F	6/29/2007 12:00 AMD	
225	04	003	F	3/30/2005 12:00 AMD	
226	23	004	FE	5/9/95 12:00 AMC	
227	03	004	F	8/20/97 12:00 AMC	
228	04	004	F	9/30/97 12:00 AMC	
229	01	004	FE	11/29/95 12:00 AMC	
230	03	004	FE	4/29/2004 12:00 AMC	
231	04	004	F	2/28/96 12:00 AME	
232	01	004	F	9/29/87 12:00 AMC	
233	02	004	F	9/27/2001 12:00 AMD	
234	01	004	FE	10/10/91 12:00 AMC	
235	04	004	F	12/1/94 12:00 AMC	
236	08	004	FE	9/29/2000 12:00 AMC	
237	16	004	F	9/30/96 12:00 AMC	
238	04	004	F	9/29/2004 12:00 AMD	
239	06	004	F	9/28/2001 12:00 AMC	
240	03	004	FF	6/2/2004 12:00 AMD	
241	02	004	F	11/30/2001 12:00 AMC	
242	21	004	FE	12/31/90 12:00 AMC	
243	04	004	F	3/17/2004 12:00 AMD	
244	01	004	FE	6/19/2009 12:00 AMC	
245	04	005	F	9/29/98 12:00 AMD	
246	03	005	FE	5/6/98 12:00 AMC	
247	02	005	F	9/29/87 12:00 AMC	
248	01	005	FE	6/1/93 12:00 AMD	
249	05	005	F	4/3/97 12:00 AMC	
250	05	005	F	12/1/94 12:00 AMC	
251	07	005	FE	12/22/95 12:00 AMC	
252	05	005	F	9/30/2004 12:00 AMC	
253	07	005	F	9/28/2001 12:00 AMD	
254	20	005	FE	7/2/96 12:00 AMC	
255	22	005	F	6/16/93 12:00 AMC	
256	03	006	F	9/29/87 12:00 AMC	
257	05	006	SC	9/28/2001 12:00 AMD	
258	06	006	FE	9/30/2004 12:00 AMC	
259	08	006	FE	9/21/2006 12:00 AMC	
260	01	006	FE	7/28/97 12:00 AMC	
261	06	006	F	1/17/95 12:00 AMC	
262	04	006	F	4/3/97 12:00 AME	
263	05	006	FE	10/31/2000 12:00 AMC	
264	20	006	FE	3/24/95 12:00 AMC	
265	19	007	FE	7/14/2000 12:00 AMD	
266	07	007	FE	6/6/2000 12:00 AMC	
267	09	007	F	1/17/95 12:00 AMC	
268	04	007	F	8/20/97 12:00 AME	

	OU ID	ACT CODE ID	RALT CODE	ACT ACTL CMPLTN DAT	ACT FIRST COMPL FLA
269	06	007	F	9/29/87 12:00 AMC	
270	01	007	FE	8/3/2000 12:00 AMC	
271	09	008	F	12/23/91 12:00 AMC	
272	04	008	FE	3/31/98 12:00 AMC	
273	01	008	FE	2/4/2002 12:00 AMC	
274	08	008	F	3/12/2007 12:00 AMD	
275	08	009	FE	1/28/92 12:00 AMD	
276	01	009		3/20/2003 12:00 AMC	
277	12	010	FE	9/22/2009 12:00 AMD	
278	10	010	F	6/30/87 12:00 AMC	
279	01	010		9/30/2004 12:00 AMC	
280	06	011	F	9/25/2003 12:00 AMC	
281	02	014	F	9/30/99 12:00 AMC	
282	05	016	F	9/29/2000 12:00 AMC	
283	11	017	F	9/28/2005 12:00 AMC	

	ROD FY
1	1993
2	1996
3	1989
4	2002
5	1996
6	1991
7	2000
8	1999
9	1994
10	1990
11	1989
12	1989
13	1988
14	1988
15	1988
16	1992
17	1989
18	1987
19	1996
20	1991
21	1986
22	1987
23	1993
24	1988
25	1999
26	1993
27	1984
28	1989
29	1995
30	1995
31	1995
32	1990
33	1995
34	1990
35	1990
36	1989
37	1999
38	1993
39	1995
40	1994
41	1995
42	1991
43	1992
44	1993
45	1989
46	1998
47	2001
48	1989
49	1988
50	1993
51	1984
52	1990
53	1996
54	1984
55	1988
56	1990
57	1990
58	1987
59	2006
60	1998
61	2001
62	1990
63	1996
64	1997
65	1997
66	1987
67	1990

	ROD FY
68	1994
69	2009
70	1989
71	1994
72	1998
73	1985
74	1986
75	1989
76	1988
77	1996
78	1991
79	1988
80	1998
81	2002
82	2005
83	2000
84	2004
85	2001
86	2007
87	2003
88	2002
89	2002
90	2005
91	1999
92	2008
93	2008
94	2002
95	2006
96	2002
97	2009
98	2001
99	2009
100	2005
101	1990
102	1992
103	2000
104	2002
105	2003
106	1988
107	1995
108	1992
109	2006
110	1997
111	2009
112	2002
113	2008
114	2005
115	2007
116	2003
117	1999
118	2004
119	2007
120	1997
121	2006
122	2003
123	2006
124	2007
125	2003
126	2006
127	2006
128	2008
129	2006
130	2008
131	2009
132	2008
133	2008
134	2009

	ROD FY
135	2009
136	2005
137	1995
138	2005
139	1991
140	1994
141	1986
142	1997
143	1991
144	1997
145	1992
146	1991
147	1994
148	1993
149	1995
150	1992
151	2002
152	2003
153	2004
154	1989
155	1990
156	2000
157	2009
158	1988
159	1988
160	1992
161	1985
162	2001
163	1995
164	1995
165	2001
166	1990
167	1997
168	1995
169	1998
170	1990
171	1999
172	2002
173	2009
174	2007
175	2001
176	1994
177	1989
178	1992
179	2004
180	1993
181	2002
182	2005
183	2006
184	2009
185	2008
186	2006
187	2007
188	2005
189	1999
190	2007
191	2006
192	1995
193	1998
194	1998
195	1995
196	2002
197	1990
198	1987
199	1998
200	1995
201	1994

	ROD FY
202	2005
203	1999
204	1991
205	1990
206	1997
207	1992
208	1996
209	1994
210	1993
211	2006
212	2000
213	1990
214	1994
215	1998
216	2008
217	2001
218	2002
219	2001
220	1989
221	2002
222	1994
223	2005
224	2007
225	2005
226	1995
227	1997
228	1997
229	1996
230	2004
231	1996
232	1987
233	2001
234	1992
235	1995
236	2000
237	1996
238	2004
239	2001
240	2004
241	2002
242	1991
243	2004
244	2009
245	1998
246	1998
247	1987
248	1993
249	1997
250	1995
251	1996
252	2004
253	2001
254	1996
255	1993
256	1987
257	2001
258	2004
259	2006
260	1997
261	1995
262	1997
263	2001
264	1995
265	2000
266	2000
267	1995
268	1997

	ROD FY
269	1987
270	2000
271	1992
272	1998
273	2002
274	2007
275	1992
276	2003
277	2009
278	1987
279	2004
280	2003
281	1999
282	2000
283	2005

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
1	03	WV	0305636	WVN000305636	KENTUCKY/WEST VIRGINIA COAL SLURRY SPILL		
2	04	NC	0410317	NCD097358766	UNIMIN MINE FIRE	N	
3	05	IN	0502150	INT190010876	INTERNATIONAL MINERALS (E. PLANT)	N	
4	05	IN	0509964	INN000509964	METALS REFINING COMPANY	N	
5	06	NM	0605387	NM0000605387	DONA ANA METAL SURVEY	N	
6	06	TX	0603562	TXD990757668	AMERICAN SMELTING CO-EL PASO SMELTING WK		
7	07	MO	0705784	MON000705784	BIG RIVER HILLS LEAD TAILINGS	N	
8	08	CO	0801899	CO0012044960	TWO BROTHERS MINE	N	
9	08	MT	0801622	MT0001992585	RUMSEY TAILINGS	N	
10	08	UT	0802704	UTN000802704	US MAGNESIUM	N	
11	10	AK	1002823	AKN001002823	ROCK CREEK MINE	N	
12	01	MA	0105854	MAN000105854	PIONEER FOUNDRY	N	
13	01	ME	0101028	MED980524128	CALLAHAN MINING CORP	N	
14	01	ME	0104208	MEN000104208	SACO STEEL	N	
15	01	VT	0102065	VTD988366571	ELY COPPER MINE	N	
16	01	VT	0102071	VTD988366621	ELIZABETH MINE	N	
17	01	VT	0102071	VTD988366621	ELIZABETH MINE	N	
18	01	VT	0102121	VTD988366720	PIKE HILL COPPER MINE	N	
19	01	VT	0105222	VTN000105222	VERMONT ASBESTOS GROUP MINE	N	
20	02	NJ	0200203	NJD002365930	SHIELDALLOY CORP.	N	
21	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
22	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
23	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
24	02	NJ	0200996	NJD980785646	GLEN RIDGE RADIUM SITE	N	
25	02	NJ	0200996	NJD980785646	GLEN RIDGE RADIUM SITE	N	
26	02	NJ	0200997	NJD980785653	MONTCLAIR/WEST ORANGE RADIUM SITE	N	
27	02	NJ	0200997	NJD980785653	MONTCLAIR/WEST ORANGE RADIUM SITE	N	
28	02	NJ	0202931	NJ1891837980	W.R. GRACE & CO., INC./WAYNE		INTERIM STORAGE S
29	02	NJ	0202931	NJ1891837980	W.R. GRACE & CO., INC./WAYNE		INTERIM STORAGE S
30	02	NJ	0204368	NJD067387472	WR GRACE HAMILTON TWP	N	
31	02	NJ	0204539	NJC200400018	BARRY BRONZE BEARING CO.	N	
32	02	NY	0202972	NYD986882660	LI TUNGSTEN CORP.	N	
33	02	NY	0202972	NYD986882660	LI TUNGSTEN CORP.	N	
34	02	NY	0202972	NYD986882660	LI TUNGSTEN CORP.	N	
35	02	NY	0202972	NYD986882660	LI TUNGSTEN CORP.	N	
36	03	MD	0306665	MDN000306665	POWHATAN MINING COMPANY	N	
37	03	PA	0300530	PAD001933175	SHARON STEEL CORP (FARRELL WORKS DISPOSAL		
38	03	PA	0300530	PAD001933175	SHARON STEEL CORP (FARRELL WORKS DISPOSAL		
39	03	PA	0300624	PAD002395887	PALMERTON ZINC PILE	N	
40	03	PA	0300624	PAD002395887	PALMERTON ZINC PILE	N	
41	03	PA	0300624	PAD002395887	PALMERTON ZINC PILE	N	
42	03	PA	0301103	PAD077087989	FOOTE MINERAL CO.	N	
43	03	PA	0301103	PAD077087989	FOOTE MINERAL CO.	N	
44	03	PA	0301569	PAD980829493	JACKS CREEK/SITKIN SMELTING & REFINING, INC.		
45	03	PA	0301569	PAD980829493	JACKS CREEK/SITKIN SMELTING & REFINING, INC.		
46	03	PA	0301569	PAD980829493	JACKS CREEK/SITKIN SMELTING & REFINING, INC.		
47	03	PA	0303302	PAD982364275	HUTCHINSON MINE PCB SITE	N	
48	03	PA	0305549	PASFN0305549	FRANKLIN SLAG PILE (MDC)	N	
49	03	PA	0305549	PASFN0305549	FRANKLIN SLAG PILE (MDC)	N	
50	03	PA	0305592	PAN000305592	VERMICULITE WRG4	N	
51	03	VA	0302737	VAD980705404	U.S. TITANIUM F	N	
52	03	VA	0305626	VAN000305626	V & V MINING PCB SITE	N	
53	04	AL	0404344	ALD041906173	INTERSTATE LEAD CO. (ILCO)	N	
54	04	AL	0404344	ALD041906173	INTERSTATE LEAD CO. (ILCO)	N	
55	04	AL	0404344	ALD041906173	INTERSTATE LEAD CO. (ILCO)	N	
56	04	AL	0407560	ALN980824000	PUCKETT SMELTER	N	
57	04	FL	0400578	FLD010596013	STAUFFER CHEMICAL CO. (TARLON SPRINGS)		
58	04	FL	0400578	FLD010596013	STAUFFER CHEMICAL CO. (TARLON SPRINGS)		
59	04	KY	0401991	KYD049062375	NATIONAL SOUTHWIRE ALUMINUM CO.	N	
60	04	KY	0401991	KYD049062375	NATIONAL SOUTHWIRE ALUMINUM CO.	N	
61	04	NC	0407301	NCN000407301	LOFLIN GOLD MINE	N	
62	04	NC	0409895	NCN000409895	ORE KNOB MINE	N	
63	04	NC	0409895	NCN000409895	ORE KNOB MINE	N	
64	04	SC	0405550	SCD987577913	BREWER GOLD MINE	N	
65	04	SC	0405550	SCD987577913	BREWER GOLD MINE	N	
66	04	SC	0405550	SCD987577913	BREWER GOLD MINE	N	
67	04	SC	0406784	SCD003360476	MACALLOY CORPORATION	N	
68	04	SC	0406784	SCD003360476	MACALLOY CORPORATION	N	
69	04	SC	0407714	SCN000407714	BARITE HILL/NEVADA GOLDFIELDS		

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
70	04	SC	0407714	SCN000407714	BARITE HILL/NEVADA GOLDFIELDS	N	
71	04	TN	0405468	TND987768546	CHEMET CO. D	N	
72	04	TN	0406638	TN0001890839	COPPER BASIN MINING DISTRICT	N	
73	05	IL	0500350	ILD050231976	CIRCLE SMELTING CORP.	N	
74	05	IL	0500350	ILD050231976	CIRCLE SMELTING CORP.	N	
75	05	IL	0500396	ILD062340641	DEPUE/NEW JERSEY ZINC/MOBIL CHEMICAL CORP.	N	
76	05	IL	0500648	ILD980606941	EAGLE ZINC CORP DIV T L DIAMOND	N	
77	05	IL	0500648	ILD980606941	EAGLE ZINC CORP DIV T L DIAMOND	N	
78	05	IL	0507364	IL0000064782	MATTHIESSEN AND HEGELER ZINC COMPANY	N	
79	05	IL	0507364	IL0000064782	MATTHIESSEN AND HEGELER ZINC COMPANY	N	
80	05	IL	0507364	IL0000064782	MATTHIESSEN AND HEGELER ZINC COMPANY	N	
81	05	IL	0508134	ILN000508134	HEGELER ZINC F	N	
82	05	IL	0508134	ILN000508134	HEGELER ZINC F	N	
83	05	IL	0508134	ILN000508134	HEGELER ZINC F	N	
84	05	IL	0508170	ILN000508170	ASARCO TAYLOR SPRINGS	N	
85	05	IL	0508170	ILN000508170	ASARCO TAYLOR SPRINGS	N	
86	05	IN	0501433	IND047030226	U.S. SMELTER AND LEAD REFINERY, INC.	N	
87	05	IN	0510234	INN000510234	MINE SITE 2028 N	N	
88	05	MI	0503034	MID980901946	TORCH LAKE F	N	
89	05	MI	0503034	MID980901946	TORCH LAKE F	N	
90	05	MI	0503034	MID980901946	TORCH LAKE F	N	
91	05	MN	0508056	MNN000508056	WESTERN MINERAL PRODUCTS	N	
92	05	OH	0504212	OHD004294625	TIGER METAL SERVICES INCORPORATED	N	
93	05	OH	0504212	OHD004294625	TIGER METAL SERVICES INCORPORATED	N	
94	05	OH	0504223	OHD004379970	ORMET CORP. F	N	
95	05	OH	0505780	OHD042319244	SHIELDALLOY METALLURGICAL CORPORATION	N	
96	05	WI	0505612	WID982071839	ALLIS CHALMERS DUPONT LANDFILL	N	
97	06	NM	0600806	NMD002899094	MOLYCORP, INC.	N	
98	06	NM	0600816	NMD007860935	HOMESTAKE MINING CO.	N	
99	06	NM	0600819	NMD030443303	UNITED NUCLEAR CORP.	N	
100	06	NM	0600897	NMD980749378	CIMARRON MINING CORP.	N	
101	06	NM	0600897	NMD980749378	CIMARRON MINING CORP.	N	
102	06	NM	0600940	NMD980879415	SAN VINCENTE CREEK TAILINGS	N	
103	06	NM	0600952	NMD981155930	CLEVELAND MINE	N	
104	06	NM	0604718	NMD986684231	STEPHENSON - BENNETT MINE	N	
105	06	OK	0601010	OKD000829440	NATIONAL ZINC CORP.	N	
106	06	OK	0601010	OKD000829440	NATIONAL ZINC CORP.	N	
107	06	OK	0601010	OKD000829440	NATIONAL ZINC CORP.	N	
108	06	OK	0601269	OKD980629844	TAR CREEK (OTTAUWA COUNTY)	N	
109	06	OK	0601269	OKD980629844	TAR CREEK (OTTAUWA COUNTY)	N	
110	06	OK	0601269	OKD980629844	TAR CREEK (OTTAUWA COUNTY)	N	
111	06	OK	0604674	OKD987096195	TULSA FUEL AND MANUFACTURING	N	
112	06	OK	0604674	OKD987096195	TULSA FUEL AND MANUFACTURING	N	
113	06	TX	0602105	TXD062113329	TEX-TIN CORP. F	N	
114	06	TX	0602105	TXD062113329	TEX-TIN CORP. F	N	
115	06	TX	0602105	TXD062113329	TEX-TIN CORP. F	N	
116	06	TX	0602105	TXD062113329	TEX-TIN CORP. F	N	
117	06	TX	0602297	TXD079348397	RSR CORPORATION	N	
118	06	TX	0602297	TXD079348397	RSR CORPORATION	N	
119	07	KS	0700558	KSD980406698	NATIONAL ZINC CO	N	
120	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
121	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
122	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
123	07	MO	0700776	MOD000823252	ST JOE MINERALS CORP - VIBURNUM	N	
124	07	MO	0700795	MOD006266373	HERCULANEUMS LEAD SMELTERNSITE	N	
125	07	MO	0700795	MOD006266373	HERCULANEUMS LEAD SMELTERNSITE	N	
126	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
127	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
128	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
129	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
130	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
131	07	MO	0701639	MOD981126899	BIG RIVER MINE TAILINGS/ST. JOE MINERALS CORP.	N	
132	07	MO	0701639	MOD981126899	BIG RIVER MINE TAILINGS/ST. JOE MINERALS CORP.	N	
133	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
134	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
135	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
136	07	MO	0702736	MOD985818210	LEADWOOD MINE TAILINGS	N	
137	07	MO	0702737	MOD985818228	NATIONAL MINETAILINGS	N	
138	07	MO	0702738	MOD985818236	BONNE TERRE MINE TAILINGS	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
139	07	MO	0702739	MOD985818244	ELVINS MINE TAILINGS	N	
140	07	MO	0702917	MO0000958611	ANNAPOLIS LEAD MINE	N	
141	07	MO	0704445	MON000704445	VIBURNUM TREND LEAD HAUL ROADS	N	
142	07	MO	0704445	MON000704445	VIBURNUM TREND LEAD HAUL ROADS	N	
143	07	MO	0705023	MON000705023	WASHINGTON COUNTY LEAD DISTRICT - POTOMAC	N	
144	07	MO	0705023	MON000705023	WASHINGTON COUNTY LEAD DISTRICT - POTOMAC	N	
145	07	MO	0705027	MON000705027	WASHINGTON COUNTY LEAD DISTRICT - OLD MINES	N	
146	07	MO	0705027	MON000705027	WASHINGTON COUNTY LEAD DISTRICT - OLD MINES	N	
147	07	MO	0705032	MON000705032	WASHINGTON COUNTY LEAD DISTRICT - RICHWOOD	N	
148	07	MO	0705032	MON000705032	WASHINGTON COUNTY LEAD DISTRICT - RICHWOOD	N	
149	07	MO	0705438	MON000705438	HIGHWAY OO LEAD	N	
150	07	MO	0705442	MON000705442	FRANKLIN COUNTY LEAD	N	
151	07	MO	0705443	MON000705443	SOUTHWEST JEFFERSON COUNTY MINING	N	
152	07	MO	0705443	MON000705443	SOUTHWEST JEFFERSON COUNTY MINING	N	
153	07	MO	0705444	MON000705444	CENTRAL MINING DISTRICT LEAD-COLE COUNTY	N	
154	07	MO	0705445	MON000705445	CARTHAGE CITY AND EASTERN JASPER COUNTY LEAD	N	
155	07	MO	0705452	MON000705452	TEDDER ROAD LEAD	N	
156	07	MO	0705453	MON000705453	FALLOW ROAD LEAD	N	
157	07	MO	0705678	MON000705678	CENTRAL MINING DISTRICT LEAD-MILLER COUNTY	N	
158	07	MO	0705679	MON000705679	CENTRAL MINING DISTRICT LEAD-CAMDEN COUNTY	N	
159	07	MO	0705680	MON000705680	CENTRAL MINING DISTRICT LEAD-MORGAN COUNTY	N	
160	07	MO	0705681	MON000705681	CENTRAL MINING DISTRICT LEAD-MONITEAU COUNTY	N	
161	07	MO	0705842	MON000705842	WASHINGTON COUNTY LEAD-FURNACE CREEK	N	
162	07	NE	0703481	NESFN0703481	OMAHA LEAD F	N	
163	07	NE	0703481	NESFN0703481	OMAHA LEAD F	N	
164	08	CO	0800076	COD007063274	URAVAN URANIUM PROJECT (UNION CARBIDE CORP)	N	
165	08	CO	0800078	COD007063530	ASARCO, INC. (GLOBE PLANT)	N	
166	08	CO	0800115	COD042167858	LINCOLN PARK F	N	
167	08	CO	0800115	COD042167858	LINCOLN PARK F	N	
168	08	CO	0800159	COD081961518	EAGLE MINE F	N	
169	08	CO	0800159	COD081961518	EAGLE MINE F	N	
170	08	CO	0800194	COD980634604	NL IND, MINE, MILL	N	
171	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
172	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
173	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
174	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
175	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
176	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
177	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
178	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
179	08	CO	0800261	COD980806277	SMUGGLER MOUNTAIN	N	
180	08	CO	0800261	COD980806277	SMUGGLER MOUNTAIN	N	
181	08	CO	0800261	COD980806277	SMUGGLER MOUNTAIN	N	
182	08	CO	0800274	COD980952519	RICO - ARGENTINE	N	
183	08	CO	0800892	COD981551427	CAPTAIN JACK MILL	N	
184	08	CO	0800892	COD981551427	CAPTAIN JACK MILL	N	
185	08	CO	0801085	COD983769738	SMELTERTOWN SITE	N	
186	08	CO	0801085	COD983769738	SMELTERTOWN SITE	N	
187	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
188	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
189	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
190	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
191	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
192	08	CO	0801505	CO0001093392	FRENCH GULCH	N	
193	08	CO	0801505	CO0001093392	FRENCH GULCH	N	
194	08	CO	0801558	CO0001407543	INDUSTRIAL MINERALS	N	
195	08	CO	0801614	CO0001916360	IRON SPRINGS MINING DISTRICT	N	
196	08	CO	0801646	CO0002259588	VASQUEZ BOULEVARD AND I-70	N	
197	08	CO	0801646	CO0002259588	VASQUEZ BOULEVARD AND I-70	N	
198	08	CO	0801646	CO0002259588	VASQUEZ BOULEVARD AND I-70	N	
199	08	CO	0801669	CO0002378230	STANDARD MINE	N	
200	08	CO	0801669	CO0002378230	STANDARD MINE	N	
201	08	CO	0801854	CO0010165136	WESTERN MINERALS DENVER PLANT	N	
202	08	CO	0801854	CO0010165136	WESTERN MINERALS DENVER PLANT	N	
203	08	CO	0801985	CON000801985	GEM PARK COMPLEX	N	
204	08	CO	0802129	CON000802129	BUENO MILL & MINE SITE	N	
205	08	CO	0802450	CON000802450	BELDEN CRIBBINGS	N	
206	08	CO	0802630	CON000802630	NELSON TUNNEL/COMMODORE WASTE ROCK	N	
207	08	CO	0802630	CON000802630	NELSON TUNNEL/COMMODORE WASTE ROCK	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
208	08	CO	0802644	CON000802644	CLAIM JUMPER/SHOCK HILL	N	
209	08	CO	0802649	CON000802649	AMERICAN LEAD AND ZINC MINE	N	
210	08	CO	0802651	CON000802651	EVENING STAR MINE	N	
211	08	CO	0802651	CON000802651	EVENING STAR MINE	N	
212	08	MT	0800025	MTD981550841	MCLAREN MILL TAILINGS	N	
213	08	MT	0800025	MTD981550841	MCLAREN MILL TAILINGS	N	
214	08	MT	0800377	MTD006230346	EAST HELENA SITE	N	
215	08	MT	0800377	MTD006230346	EAST HELENA SITE	N	
216	08	MT	0800377	MTD006230346	EAST HELENA SITE	N	
217	08	MT	0800377	MTD006230346	EAST HELENA SITE	N	
218	08	MT	0800384	MTD021997689	MOUAT INDUSTRIES	N	
219	08	MT	0800384	MTD021997689	MOUAT INDUSTRIES	N	
220	08	MT	0800403	MTD093291656	ANACONDA CO. SMELTER	N	
221	08	MT	0800403	MTD093291656	ANACONDA CO. SMELTER	N	
222	08	MT	0800403	MTD093291656	ANACONDA CO. SMELTER	N	
223	08	MT	0800403	MTD093291656	ANACONDA CO. SMELTER	N	
224	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
225	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
226	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
227	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
228	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	N	
229	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	N	
230	08	MT	0801057	MTD982572562	BASIN MINING AREA	N	
231	08	MT	0801057	MTD982572562	BASIN MINING AREA	N	
232	08	MT	0801057	MTD982572562	BASIN MINING AREA	N	
233	08	MT	0801137	MTD986068930	GEORGETOWN RAILROAD	N	
234	08	MT	0801182	MTD986069920	KING CREEK	N	
235	08	MT	0801208	MT6122307485	BARKER HUGHESVILLE MINING DISTRICT	N	
236	08	MT	0801208	MT6122307485	BARKER HUGHESVILLE MINING DISTRICT	N	
237	08	MT	0801507	MT0001096353	CARPENTER SNOW CREEK MINING DISTRICT	N	
238	08	MT	0801507	MT0001096353	CARPENTER SNOW CREEK MINING DISTRICT	N	
239	08	MT	0801507	MT0001096353	CARPENTER SNOW CREEK MINING DISTRICT	N	
240	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	N	
241	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	N	
242	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
243	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
244	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
245	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
246	08	MT	0801914	MT0012694970	FLAT CREEK IMF	N	
247	08	MT	0801914	MT0012694970	FLAT CREEK IMF	N	
248	08	MT	0802439	MTN000802439	ASARCO SODIUM - EAST HELENA	N	
249	08	SD	0800570	SDD980717136	WHITEWOOD CREEK	N	
250	08	SD	0801668	SDD987673985	GILT EDGE MINE	N	
251	08	SD	0801668	SDD987673985	GILT EDGE MINE	N	
252	08	SD	0801907	SD0012261936	NORTH CAVE HILLS MINING SITE	N	
253	08	UT	0800601	UTD000826404	KENNECOTT (SOUTH ZONE)	N	
254	08	UT	0800601	UTD000826404	KENNECOTT (SOUTH ZONE)	N	
255	08	UT	0800601	UTD000826404	KENNECOTT (SOUTH ZONE)	N	
256	08	UT	0800636	UTD070926811	KENNECOTT (NORTH ZONE)	N	
257	08	UT	0800636	UTD070926811	KENNECOTT (NORTH ZONE)	N	
258	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
259	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
260	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
261	08	UT	0800650	UTD093120921	INTERNATIONAL SMELTING AND REFINING	N	
262	08	UT	0800679	UTD980667208	MONTICELLO RADIOACTIVELY CONTAMINATED PROPERTY	N	
263	08	UT	0800688	UTD980717987	OLD COBALT TAILINGS POND	N	
264	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)	N	
265	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)	N	
266	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)	N	
267	08	UT	0800697	UTD980951420	MURRAY SMELTER	N	
268	08	UT	0800697	UTD980951420	MURRAY SMELTER	N	
269	08	UT	0800705	UTD980952840	RICHARDSON FEAT TAILINGS	N	
270	08	UT	0800717	UTD980959258	LARK WASTE ROCK AND TAILINGS (KENNECOTT)	N	
271	08	UT	0800744	UTD981548993	BUTTERFIELD MINE (ST. JOE'S TUNNEL)	N	
272	08	UT	0800867	UT3890090035	MONTICELLO MILL TAILINGS (USDOE)	N	
273	08	UT	0800977	UTD988066239	SOUTHWEST ASSAY SITE	N	
274	08	UT	0800977	UTD988066239	SOUTHWEST ASSAY SITE	N	
275	08	UT	0801184	UTD988073458	KERN RIVER/BINGHAM CREEK PIPELINE	N	
276	08	UT	0801185	UTD988073466	JORDAN VIEW LOT	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
277	08	UT	0801228	UTD988074951	AMERICAN FORK CANYON/UINTA NATIONAL		
278	08	UT	0801228	UTD988074951	AMERICAN FORK CANYON/UINTA NATIONAL		
279	08	UT	0801257	UTD988075719	DAVENPORT AND FLAGSTAFF SMELTERS		
280	08	UT	0801634	UT0002005981	EMPIRE CANYON		N
281	08	UT	0801644	UT0002240158	EUREKA MILLS F		N
282	08	UT	0801644	UT0002240158	EUREKA MILLS F		N
283	08	UT	0801674	UT0002391472	JACOBS SMELTER		N
284	08	UT	0801674	UT0002391472	JACOBS SMELTER		N
285	08	UT	0801674	UT0002391472	JACOBS SMELTER		N
286	08	UT	0801869	UT0010221516	OPHIR MILLS AND SMELTER		N
287	08	UT	0801893	UT0011980278	TOOELE VALLEY RAILROAD		N
288	08	UT	0802691	UTN000802691	BINGHAM MAGNA DITCH		N
289	08	UT	0802693	UTN000802693	KENNECOTT NEVADASTOCKTON PROPERTY		
290	09	AZ	0900497	AZD008397127	ASARCO HAYDEN PLANT		N
291	09	AZ	0905049	AZ0000309013	IRON KING MINE- HUMBOLDT SMELTER		
292	09	AZ	0905049	AZ0000309013	IRON KING MINE- HUMBOLDT SMELTER		
293	09	AZ	0905054	AZ0000309096	MCCLEUR TAILINGS		N
294	09	AZ	0905943	AZD094524097	CYPRUS TOHONO MINE		N
295	09	AZ	0905943	AZD094524097	CYPRUS TOHONO MINE		N
296	09	AZ	0908623	NNN000908623	CANE VALLEY NAVAJO RADIOACTIVE STRUCTURES		
297	09	CA	0901736	CAD980496863	ATLAS ASBESTOS MINE		N
298	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE		N
299	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE		N
300	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE		N
301	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE		N
302	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE		N
303	09	CA	0901938	CAD980638860	CELTOR CHEMICAL WORKS		N
304	09	CA	0901938	CAD980638860	CELTOR CHEMICAL WORKS		N
305	09	CA	0901943	CAD980673685	LEVIATHAN MINE		N
306	09	CA	0901943	CAD980673685	LEVIATHAN MINE		N
307	09	CA	0901943	CAD980673685	LEVIATHAN MINE		N
308	09	CA	0902010	CAD980736060	MARSH CREEK RD ABANDONED DUMP SITE		
309	09	CA	0902075	CAD980817217	COALINGA ASBESTOS MINE		N
310	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE		N
311	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE		N
312	09	CA	0903986	CA1141190578	KLAU/BUENA VISTA MINE		N
313	09	CA	0903986	CA1141190578	KLAU/BUENA VISTA MINE		N
314	09	CA	0903986	CA1141190578	KLAU/BUENA VISTA MINE		N
315	09	CA	0903987	CA0141190579	RINCONADA MINE		N
316	09	CA	0904343	CAD983618893	LAVA CAP MINE		N
317	09	CA	0904343	CAD983618893	LAVA CAP MINE		N
318	09	CA	0905076	CA0000466748	MORNING STAR MINE		Y
319	09	CA	0905147	CA0000726539	CENTRAL EUREKA MINE		N
320	09	CA	0905319	CAD000629923	GREY EAGLE MINE		N
321	09	CA	0905389	CA0002322469	GAMBINI MERCURY MINE		N
322	09	CA	0905390	CA0002373736	KINGSBURY CREEK MINE LAB		N
323	09	CA	0905494	CASFN0905494	POLAR STAR MINE		N
324	09	CA	0905903	CAN000905903	CIMA ROAD MINE WASTE SITE		N
325	09	CA	0905925	CAN000905925	ZEIBRIGHT MINE		N
326	09	CA	0905932	CAN000905932	UNION PACIFIC MERMICULITE RAIL SPUR		
327	09	CA	0905933	CAN000905933	MTA VERMICULITE RAIL SPUR		N
328	09	CA	0905933	CAN000905933	MTA VERMICULITE RAIL SPUR		N
329	09	CA	0905978	CAN000905978	PIONEER PIT AND GARDNER'S POINT PLACER MINES		
330	09	CA	0906063	CAN000906063	BLUE LEDGE MINE		N
331	09	CA	0908300	CAN000908300	SHAHARALD MINE		N
332	09	CA	0908308	CAN000908308	ATLAS IRON AND METAL CO.		N
333	09	CA	0908401	CAN000908401	ABBOTT/TURKEM RUN MINE		N
334	09	CA	0908402	CAN000908402	ALTOONA MINE		N
335	09	CA	0908600	CAN000908600	GOLDOME MILL		N
336	09	NM	0903969	NND983469891	BLUEWATER URANIUM MINE		N
337	09	NM	0906132	NNN000906132	NORTHEAST CHURCHROCK MINE SITE		
338	09	NM	0906132	NNN000906132	NORTHEAST CHURCHROCK MINE SITE		
339	09	NV	0902940	NVD038275020	VETA GRANDE MINING CO		Y
340	09	NV	0902959	NVD083917252	ANACONDA COPPER CO		N
341	09	NV	0902959	NVD083917252	ANACONDA COPPER CO		N
342	09	NV	0902959	NVD083917252	ANACONDA COPPER CO		N
343	09	NV	0902959	NVD083917252	ANACONDA COPPER CO		N
344	09	NV	0903020	NVD980813646	CARSON RIVER MERCURY SITE		
345	09	NV	0903020	NVD980813646	CARSON RIVER MERCURY SITE		

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
346	09	NV	0905359	NV0001995604	EAGLE 1 MILL SITE	N	
347	09	NV	0905819	NVN000905819	WEISS ROAD DRUM SITE	N	
348	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
349	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
350	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
351	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
352	10	ID	1000213	IDD081830994	MONSANTO CHEMICAL CO. (SODA SPRINGS PLANT)		
353	10	ID	1000235	IDD980665160	CINNABAR MINE	N	
354	10	ID	1000236	IDD980665459	STIBNITE/YELLOW PINE MINING AREA		
355	10	ID	1000236	IDD980665459	STIBNITE/YELLOW PINE MINING AREA		
356	10	ID	1000238	IDD980722292	CENTRAL FARMERS ACTIVITY	N	
357	10	ID	1000256	IDD980725832	BLACKBIRD MINE	N	
358	10	ID	1000256	IDD980725832	BLACKBIRD MINE	N	
359	10	ID	1001308	IDD984666610	EASTERN MICHIGAN FLATS CONTAMINATION		
360	10	ID	1001759	ID0000010108	DOUGLAS MINE	N	
361	10	ID	1001776	ID0000135798	CLAYTON SILVER MINE & ASSOCIATED PROPERTIES		
362	10	ID	1001916	ID0001413723	USDA FS BOISENF: MONARCH MINE STAMP MILL		
363	10	ID	1001999	ID0002007250	TALACHE MINE	N	
364	10	ID	1002104	IDSFN1002104	HARMONY MINE & MILL SITE	N	
365	10	ID	1002152	IDSFN1002152	GROUSE CREEK MINE	N	
366	10	ID	1002245	IDN001002245	SOUTHEAST IDAHO SELENIUM PROJECT		
367	10	ID	1002295	IDN001002295	MINNIE MOORE MINE	N	
368	10	ID	1002317	IDN001002317	CONTINENTAL MINE AND MILL	N	
369	10	ID	1002537	IDN001002537	IDAHO LAKEVIEW MINE	N	
370	10	ID	1002609	IDN001002609	MONARCH MILL	N	
371	10	ID	1002661	IDN001002661	CONJECTURE MINE	N	
372	10	ID	1002662	IDN001002662	SALMON RIVER URANIUM DEVELOPMENT		
373	10	OR	1000383	ORD009412677	REYNOLDS METALS COMPANY	N	
374	10	OR	1000383	ORD009412677	REYNOLDS METALS COMPANY	N	
375	10	OR	1000421	ORD050955848	TELEDYNE WAFFCHANG	N	
376	10	OR	1000424	ORD052221025	MARTIN-MARIETTA ALUMINUM CO.		
377	10	OR	1001508	OR7122307658	FREMONT NATIONAL FOREST/WHITE KING AND LUCKY		
378	10	OR	1001508	OR7122307658	FREMONT NATIONAL FOREST/WHITE KING AND LUCKY		
379	10	OR	1001865	OR0000515759	BLACK BUTTE MINE	N	
380	10	OR	1002616	ORN001002616	FORMOSA MINE	N	
381	10	OR	1002616	ORN001002616	FORMOSA MINE	N	
382	10	WA	1000551	WAD000065508	KAISER ALUMINUM (MEAD WORKS)		
383	10	WA	1000551	WAD000065508	KAISER ALUMINUM (MEAD WORKS)		
384	10	WA	1000597	WAD009045279	ALCOA (VANCOUVER SMELTER)	N	
385	10	WA	1000948	WAD980722789	SILVER MOUNTAIN MINE	N	
386	10	WA	1000950	WAD980722847	ALDER MILL	N	
387	10	WA	1000950	WAD980722847	ALDER MILL	N	
388	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
389	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
390	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
391	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
392	10	WA	1001070	WAD980978753	MIDNITE MINE	N	
393	10	WA	1001070	WAD980978753	MIDNITE MINE	N	
394	10	WA	1001661	WAD988507323	LE ROI CO SMELTER	N	
395	10	WA	1002145	WASFN1002145	KAABA TEXAS MINE	N	
396	10	WA	1002165	WASFN1002165	GRANDVIEW MINE	N	
397	10	WA	1002247	WAN001002247	CLEVELAND MINE AND MILL	N	
398	10	WA	1002309	WAN001002309	ANDERSON-CALHOUN MINE/MILL	N	
399	10	WA	1002309	WAN001002309	ANDERSON-CALHOUN MINE/MILL	N	
400	10	WA	1002564	WAN001002564	EVERETT SMELTER	N	
401	10	WA	1002702	WAN001002702	SILVERTON MERCURY (HG) CONCENTRATORS		
402	10	WA	1002719	WAN001002719	PEND OREILLE VILLAGE	N	
403	01	VT	0102071	VTD988366621	ELIZABETH MINE	N	
404	01	VT	0102071	VTD988366621	ELIZABETH MINE	N	
405	02	NJ	0200203	NJD002365930	SHIELDALLOY CORP.	N	
406	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
407	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
408	02	NJ	0202931	NJ1891837980	W.R. GRACE & CO., INC./WAYNE		
409	02	NJ	0204368	NJD067387472	WR GRACE HAMILTON TWP	N	
410	02	NJ	0204539	NJC200400018	BARRY BRONZE BEARING CO.	N	
411	02	NY	0202972	NYD986882660	LI TUNGSTEN CORP.	N	
412	02	NY	0202972	NYD986882660	LI TUNGSTEN CORP.	N	
413	02	NY	0202972	NYD986882660	LI TUNGSTEN CORP.	N	
414	03	PA	0300530	PAD001933175	SHARON STEEL CORP (FARRELL WORKS DISPOSAL)		

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
415	03	PA	0300624	PAD002395887	PALMERTON ZINC PILE	N	
416	03	PA	0300624	PAD002395887	PALMERTON ZINC PILE	N	
417	03	PA	0301103	PAD077087989	FOOTE MINERAL CO.	N	
418	03	PA	0301569	PAD980829493	JACKS CREEK/SITKIN SMELTING & REFINING, INC.	N	
419	03	PA	0301569	PAD980829493	JACKS CREEK/SITKIN SMELTING & REFINING, INC.	N	
420	03	PA	0305549	PASFN0305549	FRANKLIN SLAG PILE (MDC)	N	
421	04	AL	0404344	ALD041906173	INTERSTATE LEAD CO. (ILCO)	N	
422	04	AL	0404344	ALD041906173	INTERSTATE LEAD CO. (ILCO)	N	
423	04	FL	0400578	FLD010596013	STAUFFER CHEMICAL CO. (TARLON SPRINGS)	N	
424	04	KY	0401991	KYD049062375	NATIONAL SOUTHWIRE ALUMINUM CO.	N	
425	04	SC	0405550	SCD987577913	BREWER GOLD MINE	N	
426	04	TN	0406638	TN0001890839	COPPER BASIN MINING DISTRICT	N	
427	04	TN	0406638	TN0001890839	COPPER BASIN MINING DISTRICT	N	
428	05	IL	0500350	ILD050231976	CIRCLE SMELTING CORP.	N	
429	05	IL	0500350	ILD050231976	CIRCLE SMELTING CORP.	N	
430	05	IL	0500396	ILD062340641	DEPUE/NEW JERSEY ZINC/MOENL CHEMICAL CORP.	N	
431	05	IL	0500648	ILD980606941	EAGLE ZINC CORP. T L DIAMOND	N	
432	05	MI	0503034	MID980901946	TORCH LAKE F	N	
433	05	MI	0503034	MID980901946	TORCH LAKE F	N	
434	05	MN	0508056	MNN000508056	WESTERN MINERAL PRODUCTS	N	
435	06	NM	0600897	NMD980749378	CIMARRON MINING CORP.	N	
436	06	NM	0600897	NMD980749378	CIMARRON MINING CORP.	N	
437	06	OK	0601010	OKD000829440	NATIONAL ZINC CORP.	N	
438	06	OK	0601269	OKD980629844	TAR CREEK (OTAWA COUNTY)	N	
439	06	OK	0601269	OKD980629844	TAR CREEK (OTAWA COUNTY)	N	
440	06	TX	0602105	TXD062113329	TEX-TIN CORP. F	N	
441	06	TX	0602105	TXD062113329	TEX-TIN CORP. F	N	
442	06	TX	0602105	TXD062113329	TEX-TIN CORP. F	N	
443	06	TX	0602297	TXD079348397	RSR CORPORATION	N	
444	06	TX	0602297	TXD079348397	RSR CORPORATION	N	
445	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
446	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
447	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
448	07	MO	0700795	MOD006266373	HERCULANEUMS LEAD SMELTING SITE	N	
449	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
450	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
451	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
452	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
453	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
454	07	MO	0701639	MOD981126899	BIG RIVER MINE TAILINGS/ST. JOE MINERALS CORP.	N	
455	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
456	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
457	07	MO	0702606	MOD985808070	FEDERAL MINE TAILINGS	N	
458	07	MO	0704445	MON000704445	VIBURNUM TREND LEAD HAUL ROADS	N	
459	07	MO	0705023	MON000705023	WASHINGTON COUNTY LEAD DISTRICT - POTOSI	N	
460	07	MO	0705027	MON000705027	WASHINGTON COUNTY LEAD DISTRICT - OLD MINES	N	
461	07	MO	0705032	MON000705032	WASHINGTON COUNTY LEAD DISTRICT - RICHWOOD	N	
462	07	MO	0705443	MON000705443	SOUTHWEST JEFFERSON COUNTY MINING	N	
463	07	MO	0705443	MON000705443	SOUTHWEST JEFFERSON COUNTY MINING	N	
464	07	NE	0703481	NESFN0703481	OMAHA LEAD F	N	
465	07	NE	0703481	NESFN0703481	OMAHA LEAD F	N	
466	08	CO	0800115	COD042167858	LINCOLN PARK F	N	
467	08	CO	0800159	COD081961518	EAGLE MINE F	N	
468	08	CO	0800159	COD081961518	EAGLE MINE F	N	
469	08	CO	0800194	COD980634604	NL IND, MINE, MNL	N	
470	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
471	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
472	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
473	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
474	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
475	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
476	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
477	08	CO	0800261	COD980806277	SMUGGLER MOUNTAIN	N	
478	08	CO	0800261	COD980806277	SMUGGLER MOUNTAIN	N	
479	08	CO	0800892	COD981551427	CAPTAIN JACK MILL	N	
480	08	CO	0800892	COD981551427	CAPTAIN JACK MILL	N	
481	08	CO	0801085	COD983769738	SMELTERTOWN SITE	N	
482	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
483	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
484	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
485	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
486	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
487	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
488	08	CO	0801505	CO0001093392	FRENCH GULCH	N	
489	08	CO	0801505	CO0001093392	FRENCH GULCH	N	
490	08	CO	0801646	CO0002259588	VASQUEZ BOULEVARD AND I-70	N	
491	08	CO	0801646	CO0002259588	VASQUEZ BOULEVARD AND I-70	N	
492	08	CO	0801646	CO0002259588	VASQUEZ BOULEVARD AND I-70	N	
493	08	CO	0801669	CO0002378230	STANDARD MINE	N	
494	08	CO	0801669	CO0002378230	STANDARD MINE	N	
495	08	MT	0800384	MTD021997689	MOUAT INDUSTRIES	N	
496	08	MT	0800403	MTD093291656	ANACONDA CO. SMELTER	N	
497	08	MT	0800403	MTD093291656	ANACONDA CO. SMELTER	N	
498	08	MT	0800403	MTD093291656	ANACONDA CO. SMELTER	N	
499	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
500	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
501	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
502	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
503	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	N	
504	08	MT	0801057	MTD982572562	BASIN MINING AREA	N	
505	08	MT	0801057	MTD982572562	BASIN MINING AREA	N	
506	08	MT	0801208	MT6122307485	BARKER HUGHESVILLE MINING DISTRICT	N	
507	08	MT	0801507	MT0001096353	CARPENTER SNOW CREEK MINING DISTRICT	N	
508	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	N	
509	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	N	
510	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
511	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
512	08	MT	0801914	MT0012694970	FLAT CREEK IM	N	
513	08	SD	0800570	SDD980717136	WHITEWOOD CREEK	N	
514	08	SD	0801668	SDD987673985	GILT EDGE MINE	N	
515	08	SD	0801668	SDD987673985	GILT EDGE MINE	N	
516	08	UT	0800601	UTD000826404	KENNECOTT (SOUTH ZONE)	N	
517	08	UT	0800601	UTD000826404	KENNECOTT (SOUTH ZONE)	N	
518	08	UT	0800601	UTD000826404	KENNECOTT (SOUTH ZONE)	N	
519	08	UT	0800636	UTD070926811	KENNECOTT (NORTH ZONE)	N	
520	08	UT	0800636	UTD070926811	KENNECOTT (NORTH ZONE)	N	
521	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
522	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
523	08	UT	0800650	UTD093120921	INTERNATIONAL SMELTING AND REFINING	N	
524	08	UT	0800679	UTD980667208	MONTICELLO RADIOACTIVELY CONTAMINATED	N	PROP
525	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)	N	
526	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)	N	
527	08	UT	0800697	UTD980951420	MURRAY SMELTER	N	
528	08	UT	0800744	UTD981548993	BUTTERFIELD MINE (ST. JOE'S TUNNEL)	N	
529	08	UT	0800867	UT3890090035	MONTICELLO MEL TAILINGS (USDOE)	N	
530	08	UT	0801257	UTD988075719	DAVENPORT AND FLAGSTAFF SMELTERS	N	
531	08	UT	0801257	UTD988075719	DAVENPORT AND FLAGSTAFF SMELTERS	N	
532	08	UT	0801257	UTD988075719	DAVENPORT AND FLAGSTAFF SMELTERS	N	
533	08	UT	0801644	UT0002240158	EUREKA MILLS F	N	
534	08	UT	0801674	UT0002391472	JACOBS SMELTER	N	
535	08	UT	0801674	UT0002391472	JACOBS SMELTER	N	
536	09	AZ	0900497	AZD008397127	ASARCO HAYDEN PLANT	N	
537	09	AZ	0905054	AZ0000309096	MCCLEUR TAILINGS	N	
538	09	CA	0901736	CAD980496863	ATLAS ASBESTOS MINE	N	
539	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE	N	
540	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE	N	
541	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE	N	
542	09	CA	0901943	CAD980673685	LEVIATHAN MINE	N	
543	09	CA	0902075	CAD980817217	COALINGA ASBESTOS MINE	N	
544	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE	N	
545	09	CA	0903986	CA1141190578	KLAU/BUENA VISTA MINE	N	
546	09	CA	0903986	CA1141190578	KLAU/BUENA VISTA MINE	N	
547	09	CA	0903987	CA0141190579	RINCONADA MINE	N	
548	09	CA	0904343	CAD983618893	LAVA CAP MINE	N	
549	09	CA	0904343	CAD983618893	LAVA CAP MINE	N	
550	09	CA	0905389	CA0002322469	GAMBONINI MERCURY MINE	N	
551	09	NM	0906132	NNN000906132	NORTHEAST CHURCHROCK MINE SITE	N	
552	09	NV	0902940	NVD038275020	VETA GRANDE MINING CO	Y	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
553	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
554	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
555	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
556	09	NV	0903020	NVD980813646	CARSON RIVER MERCURY SITE	N	
557	09	NV	0903020	NVD980813646	CARSON RIVER MERCURY SITE	N	
558	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	N	
559	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	N	
560	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	N	
561	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	N	
562	10	ID	1000235	IDD980665160	CINNABAR MINE	N	
563	10	ID	1000256	IDD980725832	BLACKBIRD MINE	N	
564	10	ID	1001308	IDD984666610	EASTERN MICHIGAN FLATS CONTAMINATION	N	
565	10	ID	1001308	IDD984666610	EASTERN MICHIGAN FLATS CONTAMINATION	N	
566	10	ID	1001776	ID0000135798	CLAYTON SILVER MINE & ASSOCIATED PROPERTIES	N	
567	10	ID	1001999	ID0002007250	TALACHE MINE	N	
568	10	ID	1002152	IDSFN1002152	GROUSE CREEK MINE	N	
569	10	ID	1002245	IDN001002245	SOUTHEAST IDAHO SELENIUM PROJECT	N	
570	10	OR	1000383	ORD009412677	REYNOLDS METALS COMPANY	N	
571	10	OR	1000424	ORD052221025	MARTIN-MARIETTA ALUMINUM CO.	N	
572	10	OR	1002616	ORN001002616	FORMOSA MINE	N	
573	10	WA	1000948	WAD980722789	SILVER MOUNTAIN MINE	N	
574	10	WA	1000950	WAD980722847	ALDER MILL	N	
575	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
576	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
577	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
578	10	WA	1001070	WAD980978753	MIDNITE MINE	N	
579	10	WA	1002145	WASFN1002145	KAABA TEXAS MINE	N	
580	01	VT	0102071	VTD988366621	ELIZABETH MINE	N	
581	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
582	02	NJ	0200996	NJD980785646	GLEN RIDGE RADIUM SITE	N	
583	02	NJ	0200997	NJD980785653	MONTCLAIR/WEST ORANGE RADIUM SITE	N	
584	02	NJ	0204539	NJC200400018	BARRY BRONZE BEARING CO.	N	
585	02	NY	0202972	NYD986882660	LI TUNGSTEN CORP.	N	
586	02	NY	0202972	NYD986882660	LI TUNGSTEN CORP.	N	
587	03	PA	0300530	PAD001933175	SHARON STEEL CORP (FARRELL WORKS DISPOSAL)	N	
588	03	PA	0301103	PAD077087989	FOOTE MINERAL CO.	N	
589	03	PA	0301569	PAD980829493	JACKS CREEK/STIKIN SMELTING & REFINING, INC.	N	
590	04	AL	0404344	ALD041906173	INTERSTATE LEAD CO. (ILCO)	N	
591	04	TN	0406638	TN0001890839	COPPER BASIN MINING DISTRICT	N	
592	05	MI	0503034	MID980901946	TORCH LAKE	N	
593	05	MN	0508056	MNN000508056	WESTERN MINERAL PRODUCTS	N	
594	06	OK	0601269	OKD980629844	TAR CREEK (OTAWA COUNTY)	N	
595	06	OK	0601269	OKD980629844	TAR CREEK (OTAWA COUNTY)	N	
596	06	TX	0602105	TXD062113329	TEX-TIN CORP.	N	
597	06	TX	0602105	TXD062113329	TEX-TIN CORP.	N	
598	06	TX	0602297	TXD079348397	RSR CORPORATION	N	
599	06	TX	0602297	TXD079348397	RSR CORPORATION	N	
600	06	TX	0602297	TXD079348397	RSR CORPORATION	N	
601	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
602	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
603	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
604	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
605	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
606	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
607	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
608	07	MO	0701639	MOD981126899	BIG RIVER MINE TAILINGS/ST. JOE MINERALS CORP.	N	
609	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
610	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
611	07	MO	0702917	MO0000958611	ANNAPOLIS LEAD MINE	N	
612	07	MO	0704445	MON000704445	VIBURNUM TREND LEAD HAUL ROADS	N	
613	07	MO	0705023	MON000705023	WASHINGTON COUNTY LEAD DISTRICT - POTOMAC	N	
614	07	MO	0705027	MON000705027	WASHINGTON COUNTY LEAD DISTRICT - OLD MINES	N	
615	07	MO	0705032	MON000705032	WASHINGTON COUNTY LEAD DISTRICT - RICHWOOD	N	
616	07	MO	0705443	MON000705443	SOUTHWEST JEFFERSON COUNTY MINING	N	
617	07	MO	0705443	MON000705443	SOUTHWEST JEFFERSON COUNTY MINING	N	
618	08	CO	0800159	COD081961518	EAGLE MINE	N	
619	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
620	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
621	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
622	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
623	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
624	08	CO	0800892	COD981551427	CAPTAIN JACK MILL	N	
625	08	CO	0801085	COD983769738	SMELTERTOWN SITE	N	
626	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
627	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
628	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
629	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
630	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
631	08	CO	0801646	CO0002259588	VASQUEZ BOULEVARD AND I-70	N	
632	08	MT	0800403	MTD093291656	ANACONDA CO SMELTER	N	
633	08	MT	0800403	MTD093291656	ANACONDA CO SMELTER	N	
634	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
635	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
636	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
637	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
638	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	N	
639	08	MT	0801057	MTD982572562	BASIN MINING AREA	N	
640	08	MT	0801057	MTD982572562	BASIN MINING AREA	N	
641	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	N	
642	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
643	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
644	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
645	08	SD	0801668	SDD987673985	GILT EDGE MINE	N	
646	08	UT	0800601	UTD000826404	KENNECOTT (SOUTH ZONE)	N	
647	08	UT	0800601	UTD000826404	KENNECOTT (SOUTH ZONE)	N	
648	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
649	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
650	08	UT	0800650	UTD093120921	INTERNATIONAL SMELTING AND REFINING	N	
651	08	UT	0800679	UTD980667208	MONTICELLO RADIOACTIVELY CONTAMINATED	N	PROF
652	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)	N	
653	08	UT	0800867	UT3890090035	MONTICELLO MEL TAILINGS (USDOE)	N	
654	08	UT	0801644	UT0002240158	EUREKA MILLS F	N	
655	08	UT	0801644	UT0002240158	EUREKA MILLS F	N	
656	08	UT	0801674	UT0002391472	JACOBS SMELTER	N	
657	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE	N	
658	09	CA	0901943	CAD980673685	LEVIATHAN MINE	N	
659	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE	N	
660	09	CA	0903986	CA1141190578	KLAU/BUENA VISTA MINE	N	
661	09	CA	0904343	CAD983618893	LAVA CAP MINE	N	
662	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
663	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
664	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
665	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	N	
666	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	N	
667	10	ID	1000235	IDD980665160	CINNABAR MINE	N	
668	10	ID	1000236	IDD980665459	STIBNITE/YELLOW PINE MINING AREA	N	
669	10	ID	1000256	IDD980725832	BLACKBIRD MINE	N	
670	10	ID	1001999	ID0002007250	TALACHE MINE S	N	
671	10	OR	1000383	ORD009412677	REYNOLDS METALS COMPANY	N	
672	10	OR	1000421	ORD050955848	TELEDYNE WAHCHANG	N	
673	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
674	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
675	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
676	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
677	03	PA	0300624	PAD002395887	PALMERTON ZINC PILE	N	
678	04	TN	0406638	TN0001890839	COPPER BASIN MINING DISTRICT	N	
679	05	IL	0500396	ILD062340641	DEPUE/NEW JERSEY ZINC/MOBIL CHEMICAL CORP.	N	
680	05	MI	0503034	MID980901946	TORCH LAKE F	N	
681	06	OK	0601269	OKD980629844	TAR CREEK (OTTAWA COUNTY)	N	
682	06	TX	0602297	TXD079348397	RSR CORPORATION	N	
683	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
684	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
685	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
686	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
687	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
688	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
689	07	MO	0701290	MOD980686281	ORONOGO-DUEHNWEG MINING BELT	N	
690	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
691	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
692	07	MO	0702606	MOD985808070	FEDERAL MINE TAILINGS	N	
693	07	MO	0702917	MO0000958611	ANNAPOLIS LEAD MINE	N	
694	07	MO	0705023	MON000705023	WASHINGTON COUNTY LEAD DISTRICT - POTOMAC	N	
695	07	MO	0705027	MON000705027	WASHINGTON COUNTY LEAD DISTRICT - OLD MINES	N	
696	07	MO	0705032	MON000705032	WASHINGTON COUNTY LEAD DISTRICT - RICHWOOD	N	
697	08	CO	0800159	COD081961518	EAGLE MINE F	N	
698	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
699	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
700	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
701	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
702	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
703	08	CO	0801085	COD983769738	SMELTERTOWN SITE	N	
704	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
705	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
706	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
707	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
708	08	CO	0801646	CO0002259588	VASQUEZ BOULEVARD AND I-70	N	
709	08	MT	0800403	MTD093291656	ANACONDA CO SMELTER	N	
710	08	MT	0800403	MTD093291656	ANACONDA CO SMELTER	N	
711	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
712	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
713	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	N	
714	08	MT	0801057	MTD982572562	BASIN MINING AREA	N	
715	08	MT	0801057	MTD982572562	BASIN MINING AREA	N	
716	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	N	
717	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	N	
718	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
719	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
720	08	SD	0801668	SDD987673985	GILT EDGE MINE	N	
721	08	UT	0800601	UTD000826404	KENNECOTT (SOUTH ZONE)	N	
722	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
723	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
724	08	UT	0800679	UTD980667208	MONTICELLO RADIOACTIVELY CONTAMINATED	N	PROF
725	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)	N	
726	08	UT	0800867	UT3890090035	MONTICELLO MEL TAILINGS (USDOE)	N	
727	08	UT	0801644	UT0002240158	EUREKA MILLS F	N	
728	08	UT	0801644	UT0002240158	EUREKA MILLS F	N	
729	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE	N	
730	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE	N	
731	09	CA	0901943	CAD980673685	LEVIATHAN MINE	N	
732	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE	N	
733	09	CA	0903986	CA1141190578	KLAU/BUENA VISTA MINE	N	
734	09	CA	0904343	CAD983618893	LAVA CAP MINE F	N	
735	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
736	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
737	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
738	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	N	
739	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	N	
740	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	N	
741	10	ID	1000235	IDD980665160	CINNABAR MINEN	N	
742	10	ID	1000236	IDD980665459	STIBNITE/YELLOW PINE MINING AREA	N	
743	10	ID	1000256	IDD980725832	BLACKBIRD MINE	N	
744	10	ID	1001308	IDD984666610	EASTERN MICHAUD FLATS CONTAMINATION	N	
745	10	ID	1001999	ID0002007250	TALACHE MINE S	N	
746	10	OR	1000421	ORD050955848	TELEDYNE WAFFCHANG	N	
747	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
748	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
749	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
750	06	OK	0601269	OKD980629844	TAR CREEK (OTTAWA COUNTY)	N	
751	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
752	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
753	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
754	07	MO	0702917	MO0000958611	ANNAPOLIS LEAD MINE	N	
755	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
756	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
757	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
758	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
759	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status	
760	08	CO	0801085	COD983769738	SMELTERTOWN	PSITE	N	
761	08	CO	0801194	COD983778432	SUMMITVILLE	MINE	N	
762	08	CO	0801478	COD980717938	CALIFORNIA	GUECH	N	
763	08	CO	0801478	COD980717938	CALIFORNIA	GUECH	N	
764	08	CO	0801478	COD980717938	CALIFORNIA	GUECH	N	
765	08	MT	0800403	MTD093291656	ANACONDA CO	SMELTER	N	
766	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	BA		
767	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	BA		
768	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	BA		
769	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	ENTS		
770	08	MT	0801057	MTD982572562	BASIN MINING AREA		N	
771	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	AREA		
772	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	AREA		
773	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	S SITE	N	
774	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	S SITE	N	
775	08	SD	0801668	SDD987673985	GILT EDGE MINE		N	
776	08	UT	0800641	UTD081834277	MIDVALE SLAG F		N	
777	08	UT	0800641	UTD081834277	MIDVALE SLAG F		N	
778	08	UT	0800679	UTD980667208	MONTICELLO RADIOACTIVELY CONTAMINATED	CONTAMINATED		PROP
779	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)	TAILINGS)		
780	08	UT	0800867	UT3890090035	MONTICELLO MEL TAILINGS (USDOE)	(USDOE)		
781	08	UT	0801644	UT0002240158	EUREKA MILLS F		N	
782	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE		N	
783	09	CA	0901943	CAD980673685	LEVIATHAN MINE		N	
784	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE	MINE	N	
785	09	CA	0903986	CA1141190578	KLAU/BUENA VISTA MINE		N	
786	09	CA	0904343	CAD983618893	LAVA CAP MINE	F	N	
787	09	NV	0902959	NVD083917252	ANACONDA COPPER CO		N	
788	09	NV	0902959	NVD083917252	ANACONDA COPPER CO		N	
789	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	COMPLEX		
790	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	COMPLEX		
791	10	ID	1001308	IDD984666610	EASTERN MICHIGAN FLATS CONTAMINATION			
792	10	OR	1000421	ORD050955848	TELEDYNE WAHCHANG		N	
793	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	SHORE/TIDE FLATS		
794	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	SHORE/TIDE FLATS		
795	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.		N	
796	03	PA	0300624	PAD002395887	PALMERTON ZINC PILE	PILE	N	
797	06	OK	0601269	OKD980629844	TAR CREEK (OTAWA COUNTY)	OTAWA COUNTY	N	
798	07	KS	0700667	KSD980741862	CHEROKEE COUNTY		N	
799	07	MO	0701102	MOD098633415	MADISON COUNTY MINES		N	
800	07	MO	0701102	MOD098633415	MADISON COUNTY MINES		N	
801	08	CO	0800247	COD980716955	DENVER RADIUM SITE	SITE	N	
802	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK		N	
803	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK		N	
804	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK		N	
805	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK		N	
806	08	CO	0801085	COD983769738	SMELTERTOWN	PSITE	N	
807	08	CO	0801194	COD983778432	SUMMITVILLE	MINE	N	
808	08	CO	0801478	COD980717938	CALIFORNIA	GUECH	N	
809	08	CO	0801478	COD980717938	CALIFORNIA	GUECH	N	
810	08	MT	0800403	MTD093291656	ANACONDA CO	SMELTER	N	
811	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	BA		
812	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	BA		
813	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	ENTS		
814	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	AREA		
815	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA	AREA		
816	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	S SITE	N	
817	08	SD	0801668	SDD987673985	GILT EDGE MINE		N	
818	08	UT	0800641	UTD081834277	MIDVALE SLAG F		N	
819	08	UT	0800641	UTD081834277	MIDVALE SLAG F		N	
820	08	UT	0800679	UTD980667208	MONTICELLO RADIOACTIVELY CONTAMINATED	CONTAMINATED		PROP
821	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)	TAILINGS)		
822	08	UT	0800867	UT3890090035	MONTICELLO MEL TAILINGS (USDOE)	(USDOE)		
823	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE		N	
824	09	CA	0901755	CAD980498612	IRON MOUNTAIN MINE		N	
825	09	CA	0901943	CAD980673685	LEVIATHAN MINE		N	
826	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE	MINE	N	
827	09	CA	0903986	CA1141190578	KLAU/BUENA VISTA MINE		N	
828	09	CA	0904343	CAD983618893	LAVA CAP MINE	F	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
829	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
830	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
831	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
832	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
833	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
834	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
835	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
836	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
837	03	PA	0300624	PAD002395887	PALMERTON ZINC PILE	N	
838	06	OK	0601269	OKD980629844	TAR CREEK (OTTEAWA COUNTY)	N	
839	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
840	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
841	07	MO	0701102	MOD098633415	MADISON COUNTY MINES	N	
842	07	MO	0701651	MOD981507585	NEWTON COUNTY MINE TAILINGS	N	
843	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
844	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
845	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
846	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
847	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
848	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
849	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
850	08	MT	0800403	MTD093291656	ANACONDA CO. SMELTER	N	
851	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
852	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
853	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS		
854	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA		
855	08	MT	0801744	MT0009083840	LIBBY ASBESTOS SITE	N	
856	08	SD	0801668	SDD987673985	GILT EDGE MINE	N	
857	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
858	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
859	08	UT	0800679	UTD980667208	MONTICELLO RADIOACTIVELY CONTAMINATED	PROF	
860	08	UT	0800694	UTD980951388	SHARON STEEL CORP. (MIDVALE TAILINGS)		
861	08	UT	0800867	UT3890090035	MONTICELLO MINE TAILINGS (USDOE)		
862	09	CA	0901943	CAD980673685	LEVIATHAN MINE	N	
863	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE	N	
864	09	NV	0902959	NVD083917252	ANACONDA COPPER CO	N	
865	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
866	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
867	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
868	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
869	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
870	06	OK	0601269	OKD980629844	TAR CREEK (OTTEAWA COUNTY)	N	
871	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
872	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
873	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
874	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
875	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
876	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
877	08	MT	0800403	MTD093291656	ANACONDA CO. SMELTER	N	
878	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
879	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	N	
880	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS		
881	08	MT	0801699	MTSFN7578012	UPPER TENMILE CREEK MINING AREA		
882	08	UT	0800641	UTD081834277	MIDVALE SLAG F	N	
883	08	UT	0800679	UTD980667208	MONTICELLO RADIOACTIVELY CONTAMINATED	PROF	
884	08	UT	0800867	UT3890090035	MONTICELLO MINE TAILINGS (USDOE)		
885	09	CA	0901943	CAD980673685	LEVIATHAN MINE	N	
886	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE	N	
887	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
888	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX		
889	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
890	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS		
891	06	OK	0601269	OKD980629844	TAR CREEK (OTTEAWA COUNTY)	N	
892	07	KS	0700667	KSD980741862	CHEROKEE COUNTY	N	
893	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
894	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
895	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
896	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
897	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
898	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
899	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
900	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
901	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	NA	
902	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	NA	
903	08	UT	0800867	UT3890090035	MONTICELLO MIEL TAILINGS (USDOE)	NA	
904	09	CA	0901943	CAD980673685	LEVIATHAN MINE	N	
905	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE	NA	
906	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
907	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
908	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
909	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	NA	
910	06	OK	0601269	OKD980629844	TAR CREEK (OTAWA COUNTY)	N	
911	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
912	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
913	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
914	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
915	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
916	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
917	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	NA	
918	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	NA	
919	08	UT	0800867	UT3890090035	MONTICELLO MIEL TAILINGS (USDOE)	NA	
920	09	CA	0902228	CAD980893275	SULPHUR BANK MERCURY MINE	NA	
921	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
922	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
923	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
924	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	NA	
925	02	NJ	0200772	NJD980654172	U.S. RADIUM CORP.	N	
926	06	OK	0601269	OKD980629844	TAR CREEK (OTAWA COUNTY)	N	
927	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
928	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
929	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
930	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
931	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
932	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
933	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
934	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	NA	
935	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	NA	
936	08	UT	0800867	UT3890090035	MONTICELLO MIEL TAILINGS (USDOE)	NA	
937	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
938	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
939	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
940	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	NA	
941	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
942	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
943	08	CO	0801194	COD983778432	SUMMITVILLE MINE	N	
944	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
945	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
946	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
947	08	MT	0800416	MTD980502777	SILVER BOW CREEK/BUTTE AREA	NA	
948	08	MT	0800445	MTD980717565	MILLTOWN RESERVOIR SEDIMENTS	NA	
949	08	UT	0800867	UT3890090035	MONTICELLO MIEL TAILINGS (USDOE)	NA	
950	10	ID	1000195	IDD048340921	BUNKER HILL MINING & METALLURGICAL COMPLEX	NA	
951	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	NA	
952	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
953	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
954	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
955	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
956	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
957	08	UT	0800867	UT3890090035	MONTICELLO MIEL TAILINGS (USDOE)	NA	
958	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	NA	
959	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
960	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
961	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
962	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
963	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
964	08	UT	0800867	UT3890090035	MONTICELLO MIEL TAILINGS (USDOE)	NA	
965	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	NA	
966	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
967	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
968	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
969	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
970	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
971	08	UT	0800867	UT3890090035	MONTICELLO MEL TAILINGS (USDOE)	N	
972	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
973	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
974	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
975	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
976	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
977	08	UT	0800867	UT3890090035	MONTICELLO MEL TAILINGS (USDOE)	N	
978	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
979	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
980	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
981	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
982	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
983	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
984	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
985	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
986	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
987	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
988	08	UT	0800867	UT3890090035	MONTICELLO MEL TAILINGS (USDOE)	N	
989	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
990	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
991	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
992	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
993	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
994	08	UT	0800867	UT3890090035	MONTICELLO MEL TAILINGS (USDOE)	N	
995	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
996	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
997	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
998	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
999	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
1000	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
1001	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
1002	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1003	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
1004	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
1005	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
1006	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
1007	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1008	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1009	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
1010	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
1011	08	CO	0800247	COD980716955	DENVER RADIUM SITE	N	
1012	08	CO	0800257	COD980717557	CENTRAL CITY, CLEAR CREEK	N	
1013	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1014	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1015	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
1016	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
1017	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1018	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1019	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
1020	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1021	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
1022	10	WA	1000981	WAD980726368	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	N	
1023	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1024	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1025	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
1026	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1027	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1028	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
1029	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1030	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1031	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
1032	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1033	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	
1034	08	MT	0800403	MTD093291656	ANACONDA CO F SMELTER	N	
1035	08	CO	0801478	COD980717938	CALIFORNIA GUECH	N	

	Region	State	CERCLIS Site ID	EPA Site ID	Site Name	NPL Status	FF Status
1036	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1037	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1038	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1039	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1040	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1041	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1042	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1043	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1044	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1045	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1046	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1047	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1048	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1049	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1050	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1051	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1052	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1053	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1054	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1055	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1056	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1057	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1058	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1059	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1060	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1061	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1062	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1063	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1064	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1065	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1066	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1067	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1068	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1069	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1070	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N
1071	08	CO	0801478	COD980717938	CALIFORNIA GUECH		N

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
1		Non-CC				
2		Non-CC				
3	1988	CC				
4		Non-CC				
5		Non-CC				
6		Non-CC				
7		Non-CC				
8		Non-CC				
9		Non-CC				
10		Non-CC				
11		Non-CC				
12		Non-CC	BB	001	RP	7/14/2008 12:00 AM
13		Non-CC	BF	001	RP	
14		Non-CC	RV	001	F	8/2/2007 12:00 AM
15		Non-CC	RA	001	F	
16		Non-CC	RA	001	F	8/4/2008 12:00 AM
17		Non-CC	RV	001	F	2/3/2006 12:00 AM
18		Non-CC	RA	001	F	
19		Non-CC	RV	001	F	10/15/2007 12:00 AM
20		Non-CC	BF	001	RP	
21	2006	CC	BB	001	RP	6/30/89 12:00 AM
22	2006	CC	RA	001	F	6/18/96 12:00 AM
23	2006	CC	RV	001	F	8/19/91 12:00 AM
24	2005	CC	RA	001	F	9/15/89 12:00 AM
25	2005	CC	RV	001	F	12/6/83 12:00 AM
26	2005	CC	RA	001	F	9/15/89 12:00 AM
27	2005	CC	RV	001	F	12/6/83 12:00 AM
28	2003	CC	LV	001	FF	11/3/95 12:00 AM
29	2003	CC	LY	001	FF	8/17/2000 12:00 AM
30		Non-CC	BB	001	RP	11/24/2003 12:00 AM
31		Non-CC	RV	001	F	4/20/2004 12:00 AM
32	2008	CC	BB	001	RP	7/21/89 12:00 AM
33	2008	CC	BF	001	RP	1/9/2002 12:00 AM
34	2008	CC	RA	001	F	1/20/2000 12:00 AM
35	2008	CC	RV	001	CG	1/5/96 12:00 AM
36		Non-CC	RV	001	F	8/11/2009 12:00 AM
37		Non-CC	BB	001	RP	
38		Non-CC	BF	001	PS	1/1/98 12:00 AM
39		Non-CC	BB	001	RP	2/24/92 12:00 AM
40		Non-CC	BF	001	RP	7/31/88 12:00 AM
41		Non-CC	RV	001	F	4/25/94 12:00 AM
42		Non-CC	BB	001	RP	9/30/2002 12:00 AM
43		Non-CC	BF	001	RP	7/6/2007 12:00 AM
44	2005	CC	BB	001	RP	8/12/97 12:00 AM
45	2005	CC	BF	001	RP	4/24/2001 12:00 AM
46	2005	CC	RV	001	F	1/23/91 12:00 AM
47		Non-CC	RV	001	F	10/26/87 12:00 AM
48		Non-CC	RA	001	F	
49		Non-CC	RV	001	F	1/10/2000 12:00 AM
50		Non-CC	RV	001	F	1/30/2008 12:00 AM
51	1997	CC	BF	001	RP	8/18/94 12:00 AM
52		Non-CC	RV	001	F	5/1/2001 12:00 AM
53		Non-CC	BB	001	RP	7/1/94 12:00 AM
54		Non-CC	BF	001	RP	3/12/99 12:00 AM
55		Non-CC	RV	001	F	3/10/92 12:00 AM
56		Non-CC	RV	001	F	2/25/2008 12:00 AM
57		Non-CC	BB	001	RP	3/11/97 12:00 AM
58		Non-CC	BF	001	RP	9/30/2008 12:00 AM
59	2008	CC	BB	001	RP	10/17/95 12:00 AM
60	2008	CC	BF	001	RP	12/12/94 12:00 AM
61		Non-CC	RV	001	F	10/18/2004 12:00 AM
62		Non-CC	RA	001	F	
63		Non-CC	RV	001	F	10/20/2008 12:00 AM
64		Non-CC	BB	001	RP	11/1/90 12:00 AM
65		Non-CC	RA	001	F	9/14/2006 12:00 AM
66		Non-CC	RV	001	F	12/12/99 12:00 AM
67	2006	CC	BB	001	RP	7/6/98 12:00 AM
68	2006	CC	RA	001	SA	4/6/2004 12:00 AM
69		Non-CC	RA	001	F	

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
70		Non-CC	RV	001	F	10/15/2007 12:00 AM
71	1996	CC	RV	001	F	8/29/94 12:00 AM
72		Non-CC	BB	001	RP	9/14/2001 12:00 AM
73		Non-CC	BB	001	RP	9/3/97 12:00 AM
74		Non-CC	RV	001	F	10/1/93 12:00 AM
75		Non-CC	BF	001	PS	
76		Non-CC	RA	001	F	
77		Non-CC	RV	001	F	12/15/2008 12:00 AM
78		Non-CC	BF	001	RP	
79		Non-CC	RA	001	F	
80		Non-CC	RV	001	F	9/8/2009 12:00 AM
81		Non-CC	BF	001	RP	
82		Non-CC	RA	001	F	
83		Non-CC	RV	001	F	4/1/2003 12:00 AM
84		Non-CC	BB	001	RP	11/8/2007 12:00 AM
85		Non-CC	BF	001	RP	
86		Non-CC	RV	001	F	6/12/2008 12:00 AM
87		Non-CC	RV	001	F	11/1/2007 12:00 AM
88	2005	CC	BB	001	RP	8/16/91 12:00 AM
89	2005	CC	RA	001	F	9/23/98 12:00 AM
90	2005	CC	RV	001	F	6/22/2004 12:00 AM
91		Non-CC	RV	001	F	10/2/2000 12:00 AM
92		Non-CC	BB	001	RP	3/15/97 12:00 AM
93		Non-CC	RV	001	F	12/12/93 12:00 AM
94	1998	CC	BF	001	RP	4/14/97 12:00 AM
95		Non-CC	RV	001	S	4/1/91 12:00 AM
96		Non-CC	RV	001	F	1/31/85 12:00 AM
97		Non-CC	BF	001	RP	
98	1996	CC	BF	001	RP	12/31/92 12:00 AM
99	1998	CC	BF	001	RP	9/12/89 12:00 AM
100	1992	CC	RA	001	F	8/13/91 12:00 AM
101	1992	CC	RV	001	F	8/11/87 12:00 AM
102		Non-CC	RV	001	F	11/11/2008 12:00 AM
103	1999	CC	BB	001	RP	9/8/97 12:00 AM
104		Non-CC	RV	001	F	10/1/97 12:00 AM
105		Non-CC	BB	001	RP	2/2/94 12:00 AM
106		Non-CC	BF	001	PS	3/15/94 12:00 AM
107		Non-CC	RV	001	F	8/3/92 12:00 AM
108		Non-CC	BF	001	RP	
109		Non-CC	RA	001	S	6/29/84 12:00 AM
110		Non-CC	RV	001	F	8/17/85 12:00 AM
111		Non-CC	BF	001	RP	
112		Non-CC	RV	001	F	4/21/2004 12:00 AM
113	2004	CC	BB	001	RP	10/6/89 12:00 AM
114	2004	CC	BF	001	RP	6/9/2000 12:00 AM
115	2004	CC	RA	001	SA	12/16/2002 12:00 AM
116	2004	CC	RV	001	F	9/29/89 12:00 AM
117	2004	CC	RA	001	F	10/2/2003 12:00 AM
118	2004	CC	RV	001	F	10/1/91 12:00 AM
119		Non-CC	RV	001	F	11/5/2001 12:00 AM
120		Non-CC	BF	001	RP	9/7/2001 12:00 AM
121		Non-CC	RA	001	F	7/13/89 12:00 AM
122		Non-CC	RV	001	F	5/29/86 12:00 AM
123		Non-CC	BB	001	RP	8/7/2007 12:00 AM
124		Non-CC	BB	001	RP	10/1/2001 12:00 AM
125		Non-CC	RV	001	F	1/16/2002 12:00 AM
126		Non-CC	BF	001	RP	
127		Non-CC	RA	001	F	9/29/2008 12:00 AM
128		Non-CC	BB	001	RP	12/22/93 12:00 AM
129		Non-CC	RA	001	F	8/2/96 12:00 AM
130		Non-CC	RV	001	F	11/8/94 12:00 AM
131		Non-CC	BB	001	RP	7/20/94 12:00 AM
132		Non-CC	BF	001	RP	
133		Non-CC	BB	001	RP	6/21/96 12:00 AM
134		Non-CC	RA	001	F	
135		Non-CC	RV	001	F	4/13/98 12:00 AM
136		Non-CC	BB	001	RP	10/1/2006 12:00 AM
137		Non-CC	BB	001	RP	4/1/2008 12:00 AM
138		Non-CC	BB	001	RP	5/1/2001 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
139		Non-CC	BB	001	RP	7/7/2005 12:00 AM
140	2007	CC	RA	001	F	7/26/2007 12:00 AM
141		Non-CC	BB	001	RP	12/17/2004 12:00 AM
142		Non-CC	RV	001	F	9/27/2004 12:00 AM
143		Non-CC	RA	001	F	
144		Non-CC	RV	001	F	12/7/2005 12:00 AM
145		Non-CC	RA	001	F	
146		Non-CC	RV	001	F	1/17/2006 12:00 AM
147		Non-CC	RA	001	F	
148		Non-CC	RV	001	F	12/27/2005 12:00 AM
149		Non-CC	BB	001	RP	12/11/2006 12:00 AM
150		Non-CC	RV	001	F	12/20/2007 12:00 AM
151		Non-CC	RA	001	F	
152		Non-CC	RV	001	F	9/28/2007 12:00 AM
153		Non-CC	RV	001	F	3/31/2008 12:00 AM
154		Non-CC	RV	001	F	7/1/2008 12:00 AM
155		Non-CC	RV	001	F	9/27/2006 12:00 AM
156		Non-CC	RV	001	F	9/27/2006 12:00 AM
157		Non-CC	RV	001	F	3/31/2008 12:00 AM
158		Non-CC	RV	001	F	9/22/2008 12:00 AM
159		Non-CC	RV	001	F	3/31/2008 12:00 AM
160		Non-CC	RV	001	F	3/31/2008 12:00 AM
161		Non-CC	RV	001	F	6/8/2009 12:00 AM
162		Non-CC	RA	001	F	7/28/2005 12:00 AM
163		Non-CC	RV	001	F	10/22/99 12:00 AM
164	2008	CC	RA	001	SR	5/1/87 12:00 AM
165		Non-CC	BF	001	PS	6/1/94 12:00 AM
166		Non-CC	BF	001	RP	4/12/2000 12:00 AM
167		Non-CC	RA	001	SR	7/13/88 12:00 AM
168	2001	CC	BF	001	PS	9/1/88 12:00 AM
169	2001	CC	RV	001	F	6/15/84 12:00 AM
170		Non-CC	RV	001	F	9/30/98 12:00 AM
171	2006	CC	BB	001	RP	6/29/93 12:00 AM
172	2006	CC	BF	001	RP	10/26/92 12:00 AM
173	2006	CC	RA	001	F	2/29/88 12:00 AM
174	2006	CC	RV	001	F	8/21/85 12:00 AM
175		Non-CC	BB	001	RP	6/15/93 12:00 AM
176		Non-CC	BF	001	RP	7/25/94 12:00 AM
177		Non-CC	RA	001	F	3/29/89 12:00 AM
178		Non-CC	RV	001	F	3/27/87 12:00 AM
179	1996	CC	BB	001	RP	6/25/85 12:00 AM
180	1996	CC	BF	001	RP	9/28/90 12:00 AM
181	1996	CC	RV	001	F	8/30/90 12:00 AM
182		Non-CC	RV	001	F	4/24/2000 12:00 AM
183		Non-CC	RA	001	S	
184		Non-CC	RV	001	F	12/8/87 12:00 AM
185		Non-CC	BB	001	RP	5/24/94 12:00 AM
186		Non-CC	BF	001	RP	5/5/2000 12:00 AM
187		Non-CC	RA	001	F	6/7/95 12:00 AM
188		Non-CC	RV	001	F	12/16/92 12:00 AM
189		Non-CC	BF	001	RP	9/7/88 12:00 AM
190		Non-CC	RA	001	F	
191		Non-CC	RV	001	F	2/15/86 12:00 AM
192		Non-CC	BB	001	RP	10/2/98 12:00 AM
193		Non-CC	RV	001	F	6/10/2003 12:00 AM
194		Non-CC	RV	001	F	3/20/96 12:00 AM
195		Non-CC	RV	001	F	8/19/2009 12:00 AM
196		Non-CC	BF	001	RP	
197		Non-CC	RA	001	F	3/18/2004 12:00 AM
198		Non-CC	RV	001	F	10/13/98 12:00 AM
199		Non-CC	RA	001	F	
200		Non-CC	RV	001	F	6/26/2006 12:00 AM
201		Non-CC	BB	001	RP	8/1/2005 12:00 AM
202		Non-CC	RV	001	F	9/29/2003 12:00 AM
203		Non-CC	RV	001	F	6/7/2004 12:00 AM
204		Non-CC	RV	001	F	10/31/2005 12:00 AM
205		Non-CC	RV	001	F	8/23/2006 12:00 AM
206		Non-CC	RA	001	F	
207		Non-CC	RV	001	F	8/18/2008 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
208		Non-CC	RV	001	F	10/31/2006 12:00 AM
209		Non-CC	RV	001	F	7/6/2009 12:00 AM
210		Non-CC	BB	001	RP	7/8/2009 12:00 AM
211		Non-CC	RV	001	F	10/22/2007 12:00 AM
212		Non-CC	BB	001	RP	9/28/90 12:00 AM
213		Non-CC	RV	001	F	5/22/89 12:00 AM
214		Non-CC	BB	001	RP	7/19/91 12:00 AM
215		Non-CC	BF	001	RP	3/31/92 12:00 AM
216		Non-CC	RA	001	F	
217		Non-CC	RV	001	F	6/19/2006 12:00 AM
218	1996	CC	BB	001	RP	1/14/92 12:00 AM
219	1996	CC	RV	001	F	3/30/90 12:00 AM
220		Non-CC	BB	001	RP	9/23/91 12:00 AM
221		Non-CC	BF	001	RP	1/7/88 12:00 AM
222		Non-CC	RA	001	SA	4/2/2009 12:00 AM
223		Non-CC	RV	001	F	7/15/86 12:00 AM
224		Non-CC	BB	001	RP	4/14/88 12:00 AM
225		Non-CC	BF	001	RP	6/30/92 12:00 AM
226		Non-CC	RA	001	SA	
227		Non-CC	RV	001	F	2/22/88 12:00 AM
228		Non-CC	BB	001	RP	6/21/99 12:00 AM
229		Non-CC	RA	001	S	5/4/84 12:00 AM
230		Non-CC	BB	001	RP	7/27/2001 12:00 AM
231		Non-CC	RA	001	F	6/24/2002 12:00 AM
232		Non-CC	RV	001	F	5/29/2000 12:00 AM
233		Non-CC	BB	001	RP	7/29/2008 12:00 AM
234		Non-CC	RV	001	F	6/1/2000 12:00 AM
235		Non-CC	BB	001	RP	6/8/2004 12:00 AM
236		Non-CC	RA	001	F	
237		Non-CC	BF	001	RP	
238		Non-CC	RA	001	F	
239		Non-CC	RV	001	F	8/23/2004 12:00 AM
240		Non-CC	RA	001	F	8/12/2002 12:00 AM
241		Non-CC	RV	001	F	6/14/99 12:00 AM
242		Non-CC	BB	001	RP	6/5/2000 12:00 AM
243		Non-CC	BF	001	RP	
244		Non-CC	RA	001	SA	
245		Non-CC	RV	001	F	6/1/2000 12:00 AM
246		Non-CC	RA	001	F	
247		Non-CC	RV	001	F	8/20/2002 12:00 AM
248		Non-CC	BB	001	RP	4/12/2005 12:00 AM
249	1992	CC	BF	001	RP	9/13/91 12:00 AM
250		Non-CC	RA	001	F	
251		Non-CC	RV	001	F	9/1/2000 12:00 AM
252		Non-CC	LV	001	FF	9/30/2003 12:00 AM
253		Non-CC	BB	001	RP	3/30/93 12:00 AM
254		Non-CC	BF	001	RP	8/11/2003 12:00 AM
255		Non-CC	RV	001	F	9/22/93 12:00 AM
256		Non-CC	BF	001	RP	
257		Non-CC	RV	001	FE	9/13/93 12:00 AM
258		Non-CC	BF	001	RP	9/29/2004 12:00 AM
259		Non-CC	RA	001	S	9/7/95 12:00 AM
260		Non-CC	RV	001	F	3/30/90 12:00 AM
261	2007	CC	BB	001	RP	6/4/2003 12:00 AM
262	1999	CC	LY	001	FF	11/9/90 12:00 AM
263		Non-CC	BB	001	RP	4/29/97 12:00 AM
264	1999	CC	BB	001	RP	1/9/89 12:00 AM
265	1999	CC	RA	001	F	8/21/91 12:00 AM
266	1999	CC	RV	001	F	3/29/91 12:00 AM
267		Non-CC	BB	001	RP	10/1/95 12:00 AM
268		Non-CC	BF	001	RP	8/1/98 12:00 AM
269		Non-CC	BF	001	RP	2/7/2008 12:00 AM
270		Non-CC	BB	001	RP	5/26/93 12:00 AM
271		Non-CC	BB	001	RP	9/26/91 12:00 AM
272	2004	CC	LY	001	FF	8/14/91 12:00 AM
273		Non-CC	BB	001	RP	5/6/2004 12:00 AM
274		Non-CC	RV	001	F	4/28/2004 12:00 AM
275		Non-CC	BB	001	RP	11/1/91 12:00 AM
276		Non-CC	RV	001	F	5/7/91 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
277		Non-CC	BB	001	RP	8/14/2006 12:00 AM
278		Non-CC	RV	001	F	10/11/2005 12:00 AM
279		Non-CC	RV	001	F	6/7/2004 12:00 AM
280		Non-CC	BB	001	RP	6/4/2004 12:00 AM
281		Non-CC	BF	001	RP	6/20/2003 12:00 AM
282		Non-CC	RV	001	F	6/18/2001 12:00 AM
283		Non-CC	BB	001	RP	10/18/99 12:00 AM
284		Non-CC	RA	001	S	2/9/2000 12:00 AM
285		Non-CC	RV	001	F	3/3/99 12:00 AM
286		Non-CC	RV	001	F	9/29/2003 12:00 AM
287		Non-CC	BB	001	RP	10/19/2004 12:00 AM
288		Non-CC	BB	001	RP	7/18/2007 12:00 AM
289		Non-CC	BB	001	RP	7/8/2009 12:00 AM
290		Non-CC	BB	001	RP	3/18/2008 12:00 AM
291		Non-CC	BB	001	RP	7/24/2006 12:00 AM
292		Non-CC	RA	001	F	
293		Non-CC	RV	001	F	1/25/2004 12:00 AM
294		Non-CC	BB	001	RP	11/1/2005 12:00 AM
295		Non-CC	BF	001	RP	
296		Non-CC	RV	001	F	11/4/2008 12:00 AM
297	1999	CC	BF	001	RP	10/16/89 12:00 AM
298		Non-CC	BB	001	RP	9/30/89 12:00 AM
299		Non-CC	BF	001	RP	3/29/90 12:00 AM
300		Non-CC	LV	001	FF	6/26/2002 12:00 AM
301		Non-CC	RA	001	F	9/15/89 12:00 AM
302		Non-CC	RV	001	F	9/7/88 12:00 AM
303	1989	CC	RA	001	F	5/21/87 12:00 AM
304	1989	CC	RV	001	F	9/23/83 12:00 AM
305		Non-CC	BB	001	RP	6/8/98 12:00 AM
306		Non-CC	BF	001	RP	
307		Non-CC	RV	001	F	10/2/97 12:00 AM
308		Non-CC	BB	001	RP	12/15/2008 12:00 AM
309	1995	CC	BF	001	RP	10/16/89 12:00 AM
310		Non-CC	RA	001	F	
311		Non-CC	RV	001	F	5/14/92 12:00 AM
312		Non-CC	BB	001	RP	7/12/99 12:00 AM
313		Non-CC	RA	001	F	
314		Non-CC	RV	001	F	7/8/99 12:00 AM
315		Non-CC	RV	001	F	11/3/2003 12:00 AM
316		Non-CC	RA	001	F	9/23/2005 12:00 AM
317		Non-CC	RV	001	F	10/29/97 12:00 AM
318		Non-CC	LV	001	FF	1/20/2002 12:00 AM
319		Non-CC	RV	001	F	5/23/95 12:00 AM
320		Non-CC	RV	001	F	9/21/98 12:00 AM
321		Non-CC	RV	001	F	7/8/98 12:00 AM
322		Non-CC	RV	001	F	6/12/98 12:00 AM
323		Non-CC	RV	001	F	3/30/2000 12:00 AM
324		Non-CC	RV	001	F	3/22/2002 12:00 AM
325		Non-CC	BB	001	RP	6/26/2006 12:00 AM
326		Non-CC	BB	001	RP	10/21/2002 12:00 AM
327		Non-CC	BB	001	RP	1/17/2003 12:00 AM
328		Non-CC	RV	001	F	12/16/2002 12:00 AM
329		Non-CC	RV	001	F	7/26/2004 12:00 AM
330		Non-CC	RV	001	F	8/28/2006 12:00 AM
331		Non-CC	RV	001	F	3/28/2006 12:00 AM
332		Non-CC	BB	001	RP	8/3/2006 12:00 AM
333		Non-CC	BB	001	RP	10/11/2006 12:00 AM
334		Non-CC	RV	001	F	7/7/2008 12:00 AM
335		Non-CC	RV	001	F	8/24/2008 12:00 AM
336		Non-CC	RV	001	F	8/19/91 12:00 AM
337		Non-CC	BB	001	MR	5/1/2007 12:00 AM
338		Non-CC	RV	001	F	5/29/2007 12:00 AM
339		Non-CC	RV	001	F	12/1/2001 12:00 AM
340		Non-CC	BB	001	RP	3/31/2005 12:00 AM
341		Non-CC	BF	001	RP	
342		Non-CC	RA	001	S	
343		Non-CC	RV	001	F	2/21/2006 12:00 AM
344		Non-CC	BB	001	RP	1/23/91 12:00 AM
345		Non-CC	RA	001	F	9/30/96 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
346		Non-CC	RV	001	F	12/7/97 12:00 AM
347		Non-CC	RV	001	F	2/25/2001 12:00 AM
348		Non-CC	BB	001	RP	10/24/89 12:00 AM
349		Non-CC	BF	001	RP	9/27/94 12:00 AM
350		Non-CC	RA	001	F	4/13/95 12:00 AM
351		Non-CC	RV	001	F	5/27/86 12:00 AM
352	2000	CC	BF	001	RP	10/15/98 12:00 AM
353		Non-CC	RV	001	F	9/9/96 12:00 AM
354		Non-CC	BB	001	RP	9/18/95 12:00 AM
355		Non-CC	RV	001	F	10/5/98 12:00 AM
356		Non-CC	BB	001	SR	9/4/2008 12:00 AM
357		Non-CC	BB	001	RP	8/1/93 12:00 AM
358		Non-CC	BF	001	RP	8/25/2003 12:00 AM
359		Non-CC	BB	001	RP	10/19/93 12:00 AM
360		Non-CC	RV	001	F	9/30/96 12:00 AM
361		Non-CC	RV	001	F	11/15/99 12:00 AM
362		Non-CC	RV	001	SA	9/5/2006 12:00 AM
363		Non-CC	BB	001	RP	6/23/98 12:00 AM
364		Non-CC	RV	001	F	9/19/2003 12:00 AM
365		Non-CC	BB	001	RP	5/27/2003 12:00 AM
366		Non-CC	BB	001	RP	10/2/2006 12:00 AM
367		Non-CC	RV	001	F	9/26/2005 12:00 AM
368		Non-CC	RV	001	F	6/16/2003 12:00 AM
369		Non-CC	RV	001	F	9/6/2005 12:00 AM
370		Non-CC	RV	001	SA	9/5/2006 12:00 AM
371		Non-CC	RV	001	F	6/4/2007 12:00 AM
372		Non-CC	RV	001	F	10/23/2007 12:00 AM
373	2006	CC	BB	001	RP	9/29/95 12:00 AM
374	2006	CC	BF	001	RP	8/4/2003 12:00 AM
375	2002	CC	BF	001	RP	7/12/91 12:00 AM
376	1995	CC	BF	001	RP	8/24/89 12:00 AM
377	2006	CC	LV	001	FF	9/25/95 12:00 AM
378	2006	CC	LY	001	FF	5/18/2005 12:00 AM
379		Non-CC	RV	001	F	8/19/2007 12:00 AM
380		Non-CC	RA	001	F	
381		Non-CC	RV	001	F	6/24/2008 12:00 AM
382		Non-CC	BB	001	SR	4/1/79 12:00 AM
383		Non-CC	BF	001	SR	1/10/2000 12:00 AM
384	1996	CC	RA	001	SR	4/23/92 12:00 AM
385	1992	CC	RA	001	F	6/15/91 12:00 AM
386		Non-CC	BB	001	RP	11/10/2002 12:00 AM
387		Non-CC	RV	001	F	1/18/2002 12:00 AM
388		Non-CC	BB	001	RP	9/10/86 12:00 AM
389		Non-CC	BF	001	PS	6/30/89 12:00 AM
390		Non-CC	RA	001	S	9/3/93 12:00 AM
391		Non-CC	RV	001	F	8/19/2005 12:00 AM
392		Non-CC	BB	001	RP	8/30/2004 12:00 AM
393		Non-CC	BF	001	RP	11/26/2008 12:00 AM
394		Non-CC	RV	001	F	7/19/2004 12:00 AM
395		Non-CC	RV	001	F	10/4/99 12:00 AM
396		Non-CC	BB	001	RP	
397		Non-CC	RV	001	F	7/19/2006 12:00 AM
398		Non-CC	BB	001	RP	
399		Non-CC	RV	001	F	10/27/2002 12:00 AM
400		Non-CC	BB	001	PS	8/7/2004 12:00 AM
401		Non-CC	RV	001	F	10/22/2007 12:00 AM
402		Non-CC	RV	001	F	9/11/2007 12:00 AM
403		Non-CC	RA	002	F	
404		Non-CC	RV	002	F	3/19/2003 12:00 AM
405		Non-CC	BF	002	RP	
406	2006	CC	BB	002	RP	9/11/89 12:00 AM
407	2006	CC	RA	002	F	9/30/97 12:00 AM
408	2003	CC	LV	002	FF	4/20/98 12:00 AM
409		Non-CC	BB	002	RP	8/28/2006 12:00 AM
410		Non-CC	RV	002	F	10/12/2004 12:00 AM
411	2008	CC	BB	002	RP	5/28/2002 12:00 AM
412	2008	CC	RA	002	SA	1/22/2001 12:00 AM
413	2008	CC	RV	002	F	4/4/96 12:00 AM
414		Non-CC	RA	002	F	

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
415		Non-CC	BF	002	RP	9/30/2003 12:00 AM
416		Non-CC	RV	002	F	8/19/96 12:00 AM
417		Non-CC	BF	002	RP	
418	2005	CC	BF	002	RP	4/13/2004 12:00 AM
419	2005	CC	RV	002	F	4/8/96 12:00 AM
420		Non-CC	RA	002	F	
421		Non-CC	BF	002	RP	3/12/99 12:00 AM
422		Non-CC	RV	002	SA	2/12/2004 12:00 AM
423		Non-CC	BF	002	RP	
424	2008	CC	BF	002	RP	6/27/2006 12:00 AM
425		Non-CC	RA	002	F	
426		Non-CC	BB	002	RP	11/3/2003 12:00 AM
427		Non-CC	BF	002	RP	
428		Non-CC	BB	002	RP	1/24/2005 12:00 AM
429		Non-CC	RV	002	F	10/23/2002 12:00 AM
430		Non-CC	BF	002	PS	7/1/2005 12:00 AM
431		Non-CC	RA	002	F	
432	2005	CC	RA	002	F	
433	2005	CC	RV	002	F	7/25/2007 12:00 AM
434		Non-CC	RV	002	F	9/18/2001 12:00 AM
435	1992	CC	RA	002	F	12/20/91 12:00 AM
436	1992	CC	RV	002	F	7/15/91 12:00 AM
437		Non-CC	BF	002	PS	12/18/97 12:00 AM
438		Non-CC	RA	002	S	4/25/86 12:00 AM
439		Non-CC	RV	002	F	9/12/95 12:00 AM
440	2004	CC	BB	002	RP	6/10/2000 12:00 AM
441	2004	CC	BF	002	RP	12/28/2001 12:00 AM
442	2004	CC	RV	002	F	11/4/98 12:00 AM
443	2004	CC	BF	002	RP	6/22/2000 12:00 AM
444	2004	CC	RV	002	F	5/30/95 12:00 AM
445		Non-CC	BF	002	RP	9/7/2007 12:00 AM
446		Non-CC	RA	002	F	11/25/91 12:00 AM
447		Non-CC	RV	002	F	9/25/87 12:00 AM
448		Non-CC	BB	002	RP	3/30/2007 12:00 AM
449		Non-CC	BF	002	RP	
450		Non-CC	RA	002	F	
451		Non-CC	BF	002	RP	
452		Non-CC	RA	002	F	4/1/97 12:00 AM
453		Non-CC	RV	002	F	3/13/95 12:00 AM
454		Non-CC	BB	002	RP	9/14/2000 12:00 AM
455		Non-CC	BB	002	RP	7/7/99 12:00 AM
456		Non-CC	RV	002	F	6/8/98 12:00 AM
457		Non-CC	BB	002	RP	9/25/97 12:00 AM
458		Non-CC	BB	002	RP	8/15/2005 12:00 AM
459		Non-CC	RA	002	F	
460		Non-CC	RA	002	F	
461		Non-CC	RA	002	F	
462		Non-CC	RA	002	F	
463		Non-CC	RV	002	F	10/5/2007 12:00 AM
464		Non-CC	RA	002	F	6/8/2009 12:00 AM
465		Non-CC	RV	002	F	8/22/2002 12:00 AM
466		Non-CC	BF	002	RP	1/3/2002 12:00 AM
467	2001	CC	BF	002	PS	8/1/99 12:00 AM
468	2001	CC	RV	002	F	6/1/90 12:00 AM
469		Non-CC	RV	002	SS	10/14/2003 12:00 AM
470	2006	CC	BF	002	RP	3/31/93 12:00 AM
471	2006	CC	RA	002	F	3/31/88 12:00 AM
472	2006	CC	RV	002	F	8/22/89 12:00 AM
473		Non-CC	BB	002	RP	8/23/93 12:00 AM
474		Non-CC	BF	002	RP	5/21/98 12:00 AM
475		Non-CC	RA	002	F	9/30/92 12:00 AM
476		Non-CC	RV	002	F	9/30/87 12:00 AM
477	1996	CC	BF	002	RP	4/14/95 12:00 AM
478	1996	CC	RV	002	F	11/26/91 12:00 AM
479		Non-CC	RA	002	S	
480		Non-CC	RV	002	F	12/9/2004 12:00 AM
481		Non-CC	BB	002	RP	6/16/2003 12:00 AM
482		Non-CC	RA	002	F	6/7/95 12:00 AM
483		Non-CC	RV	002	F	9/28/93 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
484		Non-CC	BB	002	RP	12/14/90 12:00 AM
485		Non-CC	BF	002	RP	9/4/90 12:00 AM
486		Non-CC	RA	002	SA	
487		Non-CC	RV	002	F	9/9/94 12:00 AM
488		Non-CC	BB	002	RP	9/20/2005 12:00 AM
489		Non-CC	RV	002	F	
490		Non-CC	BF	002	RP	9/30/2004 12:00 AM
491		Non-CC	RA	002	F	
492		Non-CC	RV	002	F	9/27/2000 12:00 AM
493		Non-CC	RA	002	F	
494		Non-CC	RV	002	F	7/16/2007 12:00 AM
495	1996	CC	BB	002	RP	8/20/96 12:00 AM
496		Non-CC	BB	002	RP	4/2/92 12:00 AM
497		Non-CC	BF	002	RP	6/10/93 12:00 AM
498		Non-CC	RV	002	F	3/31/99 12:00 AM
499		Non-CC	BB	002	RP	3/31/89 12:00 AM
500		Non-CC	BF	002	RP	9/3/96 12:00 AM
501		Non-CC	RA	002	SS	8/21/2008 12:00 AM
502		Non-CC	RV	002	S	9/30/89 12:00 AM
503		Non-CC	RA	002	SA	2/15/2006 12:00 AM
504		Non-CC	RA	002	F	
505		Non-CC	RV	002	F	5/29/2000 12:00 AM
506		Non-CC	BB	002	RP	
507		Non-CC	RA	002	F	
508		Non-CC	RA	002	F	6/7/2004 12:00 AM
509		Non-CC	RV	002	F	12/21/2000 12:00 AM
510		Non-CC	BB	002	RP	8/13/2003 12:00 AM
511		Non-CC	RA	002	SA	
512		Non-CC	RA	002	F	
513	1992	CC	BF	002	RP	9/30/92 12:00 AM
514		Non-CC	RA	002	F	7/17/2001 12:00 AM
515		Non-CC	RV	002	F	8/19/2002 12:00 AM
516		Non-CC	BB	002	RP	9/30/93 12:00 AM
517		Non-CC	BF	002	RP	9/26/2002 12:00 AM
518		Non-CC	RV	002	F	9/30/93 12:00 AM
519		Non-CC	BB	002	RP	10/2/96 12:00 AM
520		Non-CC	RV	002	F	9/30/93 12:00 AM
521		Non-CC	RA	002	S	7/29/98 12:00 AM
522		Non-CC	RV	002	F	12/12/90 12:00 AM
523	2007	CC	BB	002	RP	8/20/2004 12:00 AM
524	1999	CC	LY	002	FF	1/7/94 12:00 AM
525	1999	CC	RA	002	F	6/25/92 12:00 AM
526	1999	CC	RV	002	F	9/28/92 12:00 AM
527		Non-CC	BB	002	RP	5/9/2000 12:00 AM
528		Non-CC	BB	002	RP	7/23/97 12:00 AM
529	2004	CC	LY	002	FF	3/25/92 12:00 AM
530		Non-CC	BB	002	RP	4/1/2006 12:00 AM
531		Non-CC	RA	002	S	
532		Non-CC	RV	002	F	5/28/2005 12:00 AM
533		Non-CC	BF	002	RP	6/20/2003 12:00 AM
534		Non-CC	BB	002	RP	8/15/2001 12:00 AM
535		Non-CC	RA	002	S	
536		Non-CC	BB	002	RP	5/27/2008 12:00 AM
537		Non-CC	RV	002	F	9/18/2006 12:00 AM
538	1999	CC	BF	002	RP	6/22/94 12:00 AM
539		Non-CC	BF	002	RP	9/30/99 12:00 AM
540		Non-CC	RA	002	F	6/6/88 12:00 AM
541		Non-CC	RV	002	F	8/1/97 12:00 AM
542		Non-CC	BB	002	RP	7/27/2001 12:00 AM
543	1995	CC	BF	002	RP	1/11/94 12:00 AM
544		Non-CC	RA	002	F	
545		Non-CC	RA	002	F	
546		Non-CC	RV	002	F	7/10/99 12:00 AM
547		Non-CC	RV	002	F	11/3/2003 12:00 AM
548		Non-CC	RA	002	F	
549		Non-CC	RV	002	F	4/2/2003 12:00 AM
550		Non-CC	RV	002	F	6/1/2004 12:00 AM
551		Non-CC	BB	002	RP	
552		Non-CC	RV	002	F	9/1/2002 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
553		Non-CC	BB	002	RP	
554		Non-CC	BF	002	RP	
555		Non-CC	RV	002	F	8/28/2006 12:00 AM
556		Non-CC	BB	002	RP	7/8/91 12:00 AM
557		Non-CC	RA	002	F	
558		Non-CC	BB	002	RP	10/1/90 12:00 AM
559		Non-CC	BF	002	RP	1/31/94 12:00 AM
560		Non-CC	RA	002	F	7/31/98 12:00 AM
561		Non-CC	RV	002	F	5/5/89 12:00 AM
562		Non-CC	RV	002	F	8/3/98 12:00 AM
563		Non-CC	BB	002	RP	6/14/95 12:00 AM
564		Non-CC	BB	002	RP	4/12/2007 12:00 AM
565		Non-CC	BF	002	RP	
566		Non-CC	RV	002	F	8/7/2000 12:00 AM
567		Non-CC	BB	002	RP	2/4/99 12:00 AM
568		Non-CC	BB	002	RP	6/2/2008 12:00 AM
569		Non-CC	BB	002	RP	9/8/2008 12:00 AM
570	2006	CC	BB	002	RP	10/1/2001 12:00 AM
571	1995	CC	BF	002	RP	5/15/90 12:00 AM
572		Non-CC	RV	002	F	3/27/2009 12:00 AM
573	1992	CC	RA	002	F	4/3/92 12:00 AM
574		Non-CC	RV	002	F	10/28/2003 12:00 AM
575		Non-CC	BB	002	RP	9/29/88 12:00 AM
576		Non-CC	BF	002	PS	9/30/89 12:00 AM
577		Non-CC	RA	002	F	9/8/2009 12:00 AM
578		Non-CC	BF	002	RP	
579		Non-CC	RV	002	F	11/14/2001 12:00 AM
580		Non-CC	RV	003	F	6/8/2009 12:00 AM
581	2006	CC	RA	003	F	6/18/96 12:00 AM
582	2005	CC	RA	003	F	9/30/92 12:00 AM
583	2005	CC	RA	003	F	9/30/92 12:00 AM
584		Non-CC	RV	003	F	6/26/2008 12:00 AM
585	2008	CC	RA	003	SA	9/30/2005 12:00 AM
586	2008	CC	RV	003	F	9/30/96 12:00 AM
587		Non-CC	RA	003	F	
588		Non-CC	BF	003	RP	12/8/2008 12:00 AM
589	2005	CC	BF	003	RP	6/4/2002 12:00 AM
590		Non-CC	BF	003	RP	3/12/99 12:00 AM
591		Non-CC	BB	003	PS	12/1/2003 12:00 AM
592	2005	CC	RV	003	F	6/9/2008 12:00 AM
593		Non-CC	RV	003	F	6/13/2005 12:00 AM
594		Non-CC	RA	003	S	5/24/96 12:00 AM
595		Non-CC	RV	003	F	3/28/2000 12:00 AM
596	2004	CC	BB	003	RP	11/15/97 12:00 AM
597	2004	CC	RV	003	F	5/22/2000 12:00 AM
598	2004	CC	BF	003	RP	6/26/2003 12:00 AM
599	2004	CC	RA	003	SA	9/3/2003 12:00 AM
600	2004	CC	RV	003	F	5/30/95 12:00 AM
601		Non-CC	BF	003	RP	11/18/99 12:00 AM
602		Non-CC	RA	003	F	4/20/93 12:00 AM
603		Non-CC	RV	003	F	2/28/90 12:00 AM
604		Non-CC	RA	003	F	
605		Non-CC	RV	003	F	10/13/2000 12:00 AM
606		Non-CC	RA	003	F	6/18/2001 12:00 AM
607		Non-CC	RV	003	F	8/26/2001 12:00 AM
608		Non-CC	BF	003	RP	
609		Non-CC	BB	003	RP	6/15/2002 12:00 AM
610		Non-CC	RV	003	F	7/7/99 12:00 AM
611	2007	CC	RV	003	F	5/5/97 12:00 AM
612		Non-CC	BB	003	RP	
613		Non-CC	RA	003	F	
614		Non-CC	RA	003	F	
615		Non-CC	RA	003	F	
616		Non-CC	RA	003	F	
617		Non-CC	RV	003	F	10/5/2007 12:00 AM
618	2001	CC	BF	003	RP	
619	2006	CC	RA	003	F	3/16/89 12:00 AM
620		Non-CC	BB	003	RP	12/8/93 12:00 AM
621		Non-CC	BF	003	RP	11/17/97 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
622		Non-CC	RA	003	S	9/29/93 12:00 AM
623		Non-CC	RV	003	F	8/1/91 12:00 AM
624		Non-CC	RV	003	F	8/22/2006 12:00 AM
625		Non-CC	RV	003	F	5/26/93 12:00 AM
626		Non-CC	RA	003	F	6/7/95 12:00 AM
627		Non-CC	RV	003	F	9/29/93 12:00 AM
628		Non-CC	BB	003	RP	8/4/95 12:00 AM
629		Non-CC	BF	003	RP	3/29/94 12:00 AM
630		Non-CC	RV	003	F	8/24/95 12:00 AM
631		Non-CC	RV	003	F	10/1/2002 12:00 AM
632		Non-CC	BB	003	RP	7/8/92 12:00 AM
633		Non-CC	BF	003	RP	5/19/94 12:00 AM
634		Non-CC	BB	003	RP	6/5/89 12:00 AM
635		Non-CC	BF	003	RP	4/9/97 12:00 AM
636		Non-CC	RA	003	SS	7/15/2009 12:00 AM
637		Non-CC	RV	003	F	4/29/92 12:00 AM
638		Non-CC	RA	003	SA	
639		Non-CC	RA	003	F	
640		Non-CC	RV	003	F	6/21/2000 12:00 AM
641		Non-CC	RV	003	F	8/2/99 12:00 AM
642		Non-CC	BB	003	RP	7/12/2004 12:00 AM
643		Non-CC	RA	003	SA	
644		Non-CC	RV	003	F	6/1/2000 12:00 AM
645		Non-CC	RA	003	F	9/24/2001 12:00 AM
646		Non-CC	BB	003	RP	3/9/92 12:00 AM
647		Non-CC	BF	003	RP	9/26/2002 12:00 AM
648		Non-CC	RA	003	SA	5/8/2008 12:00 AM
649		Non-CC	RV	003	F	5/16/95 12:00 AM
650	2007	CC	BB	003	RP	9/22/2006 12:00 AM
651	1999	CC	LY	003	FF	10/1/87 12:00 AM
652	1999	CC	RA	003	S	1/21/93 12:00 AM
653	2004	CC	LY	003	FF	6/22/92 12:00 AM
654		Non-CC	BF	003	RP	6/20/2003 12:00 AM
655		Non-CC	RA	003	F	9/3/2003 12:00 AM
656		Non-CC	BB	003	RP	9/15/2008 12:00 AM
657		Non-CC	RA	003	F	3/29/89 12:00 AM
658		Non-CC	BB	003	RP	7/19/2000 12:00 AM
659		Non-CC	RV	003	F	8/30/93 12:00 AM
660		Non-CC	RV	003	F	10/7/2002 12:00 AM
661		Non-CC	RA	003	F	
662		Non-CC	BB	003	MR	
663		Non-CC	BF	003	RP	
664		Non-CC	RV	003	F	10/15/2007 12:00 AM
665		Non-CC	BB	003	RP	7/15/91 12:00 AM
666		Non-CC	RV	003	F	9/21/94 12:00 AM
667		Non-CC	RV	003	SA	8/16/2004 12:00 AM
668		Non-CC	RV	003	SA	8/16/2004 12:00 AM
669		Non-CC	BB	003	RP	10/23/98 12:00 AM
670		Non-CC	BB	003	RP	6/30/2000 12:00 AM
671	2006	CC	BF	003	RP	5/10/2006 12:00 AM
672	2002	CC	BF	003	RP	6/23/97 12:00 AM
673		Non-CC	BB	003	RP	2/15/91 12:00 AM
674		Non-CC	BF	003	PS	9/30/89 12:00 AM
675		Non-CC	RA	003	F	
676	2006	CC	RA	004	F	8/15/97 12:00 AM
677		Non-CC	BF	004	RP	
678		Non-CC	BB	004	RP	12/1/2003 12:00 AM
679		Non-CC	BF	004	SR	
680	2005	CC	RV	004	F	11/17/2008 12:00 AM
681		Non-CC	RA	004	F	9/22/97 12:00 AM
682	2004	CC	BF	004	RP	10/2/2003 12:00 AM
683		Non-CC	BF	004	RP	
684		Non-CC	RA	004	F	8/2/96 12:00 AM
685		Non-CC	RV	004	F	2/28/95 12:00 AM
686		Non-CC	BB	004	RP	8/26/2002 12:00 AM
687		Non-CC	RA	004	F	
688		Non-CC	RA	004	F	7/2/2007 12:00 AM
689		Non-CC	RV	004	F	12/10/2008 12:00 AM
690		Non-CC	BB	004	RP	12/1/2006 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
691		Non-CC	RV	004	F	9/25/2003 12:00 AM
692		Non-CC	BB	004	RP	
693	2007	CC	RV	004	F	5/10/2004 12:00 AM
694		Non-CC	RA	004	F	
695		Non-CC	RA	004	F	
696		Non-CC	RA	004	F	
697	2001	CC	BF	004	RP	
698	2006	CC	RA	004	F	3/17/89 12:00 AM
699		Non-CC	BB	004	RP	12/15/93 12:00 AM
700		Non-CC	BF	004	RP	9/17/98 12:00 AM
701		Non-CC	RA	004	S	9/29/93 12:00 AM
702		Non-CC	RV	004	F	8/12/96 12:00 AM
703		Non-CC	RV	004	F	9/27/93 12:00 AM
704		Non-CC	RA	004	F	7/11/96 12:00 AM
705		Non-CC	RV	004	F	8/13/96 12:00 AM
706		Non-CC	BB	004	RP	7/19/96 12:00 AM
707		Non-CC	RA	004	F	9/13/2006 12:00 AM
708		Non-CC	RV	004	F	7/21/2003 12:00 AM
709		Non-CC	BB	004	RP	7/8/92 12:00 AM
710		Non-CC	BF	004	RP	9/27/2002 12:00 AM
711		Non-CC	BB	004	RP	6/19/90 12:00 AM
712		Non-CC	RA	004	SS	4/16/2004 12:00 AM
713		Non-CC	RA	004	SA	
714		Non-CC	RA	004	F	
715		Non-CC	RV	004	F	6/20/2002 12:00 AM
716		Non-CC	RA	004	F	5/28/2009 12:00 AM
717		Non-CC	RV	004	F	6/4/2001 12:00 AM
718		Non-CC	RA	004	SA	
719		Non-CC	RV	004	F	6/1/2000 12:00 AM
720		Non-CC	RA	004	F	4/18/2002 12:00 AM
721		Non-CC	BF	004	RP	9/26/2002 12:00 AM
722		Non-CC	RA	004	SA	9/22/2008 12:00 AM
723		Non-CC	RV	004	F	3/1/98 12:00 AM
724	1999	CC	LY	004	FF	9/25/95 12:00 AM
725	1999	CC	RA	004	S	11/22/93 12:00 AM
726	2004	CC	LY	004	FF	8/31/92 12:00 AM
727		Non-CC	BF	004	RP	7/5/2005 12:00 AM
728		Non-CC	RA	004	F	7/22/2004 12:00 AM
729		Non-CC	BF	004	RP	9/29/2000 12:00 AM
730		Non-CC	RA	004	F	8/23/94 12:00 AM
731		Non-CC	BB	004	RP	7/5/2001 12:00 AM
732		Non-CC	RV	004	F	1/14/95 12:00 AM
733		Non-CC	RV	004	F	7/18/2005 12:00 AM
734		Non-CC	RA	004	F	9/6/2005 12:00 AM
735		Non-CC	BB	004	MR	
736		Non-CC	BF	004	RP	
737		Non-CC	RV	004	F	9/8/2008 12:00 AM
738		Non-CC	BB	004	RP	9/27/91 12:00 AM
739		Non-CC	RA	004	F	9/17/2003 12:00 AM
740		Non-CC	RV	004	F	11/4/97 12:00 AM
741		Non-CC	RV	004	SA	
742		Non-CC	RV	004	SA	9/19/2005 12:00 AM
743		Non-CC	BB	004	RP	10/25/99 12:00 AM
744		Non-CC	BF	004	RP	
745		Non-CC	BB	004	RP	6/17/2002 12:00 AM
746	2002	CC	BF	004	RP	9/29/97 12:00 AM
747		Non-CC	BB	004	RP	3/10/93 12:00 AM
748		Non-CC	BF	004	PS	1/16/90 12:00 AM
749	2006	CC	RA	005	F	9/20/2000 12:00 AM
750		Non-CC	RA	005	F	7/22/2002 12:00 AM
751		Non-CC	BF	005	RP	4/3/2009 12:00 AM
752		Non-CC	RA	005	F	6/5/2009 12:00 AM
753		Non-CC	RV	005	F	10/29/2001 12:00 AM
754	2007	CC	RV	005	F	9/19/2006 12:00 AM
755	2006	CC	RA	005	F	3/17/89 12:00 AM
756		Non-CC	BB	005	RP	1/4/94 12:00 AM
757		Non-CC	BF	005	RP	1/28/99 12:00 AM
758		Non-CC	RA	005	S	9/29/93 12:00 AM
759		Non-CC	RV	005	S	9/21/98 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
760		Non-CC	RV	005	F	2/27/95 12:00 AM
761		Non-CC	RV	005	F	8/4/98 12:00 AM
762		Non-CC	BB	005	RP	8/4/95 12:00 AM
763		Non-CC	BF	005	RP	6/3/98 12:00 AM
764		Non-CC	RV	005	F	7/26/96 12:00 AM
765		Non-CC	BF	005	RP	6/28/2007 12:00 AM
766		Non-CC	BB	005	RP	7/3/90 12:00 AM
767		Non-CC	BF	005	RP	
768		Non-CC	RA	005	SS	
769		Non-CC	RA	005	SA	
770		Non-CC	RV	005	F	5/15/2001 12:00 AM
771		Non-CC	RA	005	F	
772		Non-CC	RV	005	F	7/17/2000 12:00 AM
773		Non-CC	RA	005	SA	
774		Non-CC	RV	005	F	5/1/2001 12:00 AM
775		Non-CC	RA	005	F	3/27/2002 12:00 AM
776		Non-CC	RA	005	SA	3/31/2009 12:00 AM
777		Non-CC	RV	005	F	10/3/96 12:00 AM
778	1999	CC	LY	005	FF	5/23/95 12:00 AM
779	1999	CC	RA	005	S	9/20/94 12:00 AM
780	2004	CC	LY	005	FF	5/13/94 12:00 AM
781		Non-CC	RA	005	F	
782		Non-CC	RA	005	F	9/27/2000 12:00 AM
783		Non-CC	BB	005	RP	7/11/2002 12:00 AM
784		Non-CC	RV	005	F	2/16/98 12:00 AM
785		Non-CC	RV	005	SA	11/16/2005 12:00 AM
786		Non-CC	RA	005	F	
787		Non-CC	BB	005	RP	
788		Non-CC	BF	005	RP	
789		Non-CC	BB	005	RP	10/27/99 12:00 AM
790		Non-CC	RV	005	F	5/1/89 12:00 AM
791		Non-CC	BF	005	RP	
792	2002	CC	BF	005	RP	1/10/2000 12:00 AM
793		Non-CC	BB	005	RP	10/15/2002 12:00 AM
794		Non-CC	BF	005	PS	11/16/90 12:00 AM
795	2006	CC	RA	006	F	9/27/2001 12:00 AM
796		Non-CC	BF	006	RP	
797		Non-CC	RA	006	F	9/24/2002 12:00 AM
798		Non-CC	RA	006	F	4/1/2008 12:00 AM
799		Non-CC	RA	006	F	
800		Non-CC	RV	006	F	3/24/2003 12:00 AM
801	2006	CC	RA	006	F	3/17/89 12:00 AM
802		Non-CC	BB	006	RP	10/30/95 12:00 AM
803		Non-CC	BF	006	RP	5/22/98 12:00 AM
804		Non-CC	RA	006	S	9/29/93 12:00 AM
805		Non-CC	RV	006	F	7/20/2004 12:00 AM
806		Non-CC	RV	006	F	11/1/95 12:00 AM
807		Non-CC	RV	006	F	11/10/99 12:00 AM
808		Non-CC	BF	006	RP	7/28/98 12:00 AM
809		Non-CC	RV	006	F	5/1/96 12:00 AM
810		Non-CC	BF	006	RP	12/20/2000 12:00 AM
811		Non-CC	BB	006	RP	12/10/91 12:00 AM
812		Non-CC	BF	006	RP	3/27/2002 12:00 AM
813		Non-CC	RA	006	SA	
814		Non-CC	RA	006	F	
815		Non-CC	RV	006	F	7/10/2000 12:00 AM
816		Non-CC	RV	006	F	5/3/2005 12:00 AM
817		Non-CC	RA	006	F	4/11/2003 12:00 AM
818		Non-CC	RA	006	SA	
819		Non-CC	RV	006	F	10/9/96 12:00 AM
820	1999	CC	LY	006	FF	9/6/84 12:00 AM
821	1999	CC	RA	006	S	5/18/95 12:00 AM
822	2004	CC	LY	006	FF	4/24/95 12:00 AM
823		Non-CC	BF	006	RP	
824		Non-CC	RA	006	F	8/28/2008 12:00 AM
825		Non-CC	BB	006	RP	7/28/2003 12:00 AM
826		Non-CC	RV	006	F	9/29/99 12:00 AM
827		Non-CC	RV	006	F	6/9/2008 12:00 AM
828		Non-CC	RA	006	F	

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
829		Non-CC	BF	006	RP	
830		Non-CC	RV	006	SA	
831		Non-CC	BB	006	RP	10/19/99 12:00 AM
832		Non-CC	RA	006	F	
833		Non-CC	RV	006	F	5/1/86 12:00 AM
834		Non-CC	BB	006	RP	10/13/98 12:00 AM
835		Non-CC	BF	006	RP	3/20/92 12:00 AM
836	2006	CC	RA	007	F	9/30/2002 12:00 AM
837		Non-CC	BF	007	RP	8/27/2002 12:00 AM
838		Non-CC	RA	007	F	6/27/2005 12:00 AM
839		Non-CC	RA	007	F	9/26/2008 12:00 AM
840		Non-CC	RA	007	F	
841		Non-CC	RV	007	F	8/19/2004 12:00 AM
842		Non-CC	RV	007	F	4/1/2002 12:00 AM
843	2006	CC	RA	007	F	3/17/89 12:00 AM
844		Non-CC	BB	007	RP	6/8/95 12:00 AM
845		Non-CC	RV	007	F	5/5/2008 12:00 AM
846		Non-CC	RA	007	S	10/1/98 12:00 AM
847		Non-CC	BB	007	RP	6/10/97 12:00 AM
848		Non-CC	BF	007	RP	6/13/2000 12:00 AM
849		Non-CC	RV	007	F	9/23/97 12:00 AM
850		Non-CC	BF	007	RP	5/19/94 12:00 AM
851		Non-CC	BB	007	RP	5/13/92 12:00 AM
852		Non-CC	BF	007	RP	8/13/98 12:00 AM
853		Non-CC	RA	007	SA	
854		Non-CC	RV	007	F	6/18/2001 12:00 AM
855		Non-CC	RV	007	F	4/9/2008 12:00 AM
856		Non-CC	RA	007	F	
857		Non-CC	RA	007	SA	
858		Non-CC	RV	007	F	10/31/96 12:00 AM
859	1999	CC	LY	007	FF	11/23/93 12:00 AM
860	1999	CC	RA	007	S	7/29/98 12:00 AM
861	2004	CC	LY	007	FF	6/2/95 12:00 AM
862		Non-CC	BB	007	RP	7/30/2004 12:00 AM
863		Non-CC	RV	007	F	9/11/2000 12:00 AM
864		Non-CC	BF	007	RP	
865		Non-CC	BB	007	RP	7/26/2000 12:00 AM
866		Non-CC	RA	007	F	9/25/2002 12:00 AM
867		Non-CC	RV	007	F	5/1/97 12:00 AM
868		Non-CC	BB	007	RP	6/7/2002 12:00 AM
869		Non-CC	BF	007	PS	11/12/91 12:00 AM
870		Non-CC	RA	008	F	
871		Non-CC	RA	008	F	
872	2006	CC	RA	008	F	3/17/89 12:00 AM
873		Non-CC	BB	008	RP	9/21/96 12:00 AM
874		Non-CC	BB	008	RP	6/10/97 12:00 AM
875		Non-CC	BF	008	RP	9/22/2004 12:00 AM
876		Non-CC	RV	008	F	6/4/93 12:00 AM
877		Non-CC	BF	008	RP	5/19/94 12:00 AM
878		Non-CC	BB	008	RP	10/8/92 12:00 AM
879		Non-CC	BF	008	RP	5/18/94 12:00 AM
880		Non-CC	RA	008	SA	
881		Non-CC	RV	008	F	7/12/2004 12:00 AM
882		Non-CC	RV	008	F	10/2/2001 12:00 AM
883	1999	CC	LY	008	FF	4/30/96 12:00 AM
884	2004	CC	LY	008	FF	8/4/95 12:00 AM
885		Non-CC	BB	008	RP	8/16/2005 12:00 AM
886		Non-CC	RV	008	F	6/13/2006 12:00 AM
887		Non-CC	RA	008	F	9/28/2004 12:00 AM
888		Non-CC	RV	008	F	5/1/95 12:00 AM
889		Non-CC	BB	008	RP	10/15/2002 12:00 AM
890		Non-CC	BF	008	RP	5/15/92 12:00 AM
891		Non-CC	RA	009	S	6/5/2008 12:00 AM
892		Non-CC	RA	009	F	
893	2006	CC	RA	009	F	3/30/89 12:00 AM
894		Non-CC	BB	009	RP	7/22/2004 12:00 AM
895		Non-CC	RA	009	S	9/15/97 12:00 AM
896		Non-CC	RA	009	S	5/1/2009 12:00 AM
897		Non-CC	BB	009	RP	9/12/97 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
898		Non-CC	BF	009	RP	7/2/2001 12:00 AM
899		Non-CC	RV	009	F	7/31/95 12:00 AM
900		Non-CC	BF	009	RP	5/19/94 12:00 AM
901		Non-CC	BB	009	RP	8/11/94 12:00 AM
902		Non-CC	RA	009	SA	
903	2004	CC	LY	009	FF	8/4/95 12:00 AM
904		Non-CC	BB	009	RP	7/14/2006 12:00 AM
905		Non-CC	RV	009	F	1/22/2008 12:00 AM
906		Non-CC	BB	009	RP	4/10/2001 12:00 AM
907		Non-CC	RA	009	SA	9/19/2005 12:00 AM
908		Non-CC	RV	009	F	9/30/2002 12:00 AM
909		Non-CC	BF	009	RP	6/25/92 12:00 AM
910		Non-CC	RA	010	F	
911	2006	CC	RA	010	F	3/30/89 12:00 AM
912		Non-CC	RA	010	S	9/28/2006 12:00 AM
913		Non-CC	RA	010	SS	7/7/2003 12:00 AM
914		Non-CC	BB	010	RP	9/12/97 12:00 AM
915		Non-CC	BF	010	RP	7/22/2002 12:00 AM
916		Non-CC	BF	010	RP	5/19/94 12:00 AM
917		Non-CC	BB	010	RP	10/20/95 12:00 AM
918		Non-CC	RA	010	SA	
919	2004	CC	LY	010	FF	9/8/95 12:00 AM
920		Non-CC	RV	010	F	
921		Non-CC	BB	010	RP	3/7/2001 12:00 AM
922		Non-CC	RA	010	SA	2/27/2006 12:00 AM
923		Non-CC	RV	010	F	9/14/2005 12:00 AM
924		Non-CC	BF	010	PS	4/11/91 12:00 AM
925	2006	CC	RA	011	F	
926		Non-CC	RA	011	F	
927	2006	CC	RA	011	F	3/30/89 12:00 AM
928		Non-CC	RA	011	S	8/4/2005 12:00 AM
929		Non-CC	RA	011	SA	8/16/2005 12:00 AM
930		Non-CC	BB	011	RP	9/12/97 12:00 AM
931		Non-CC	BF	011	RP	9/30/2005 12:00 AM
932		Non-CC	RV	011	F	8/31/95 12:00 AM
933		Non-CC	BF	011	RP	9/29/2000 12:00 AM
934		Non-CC	BB	011	RP	6/1/2000 12:00 AM
935		Non-CC	RA	011	SA	
936	2004	CC	LY	011	FF	7/28/96 12:00 AM
937		Non-CC	BB	011	RP	
938		Non-CC	RA	011	F	
939		Non-CC	RV	011	SA	10/9/2007 12:00 AM
940		Non-CC	BF	011	PS	7/31/92 12:00 AM
941	2006	CC	RA	012	F	3/30/89 12:00 AM
942		Non-CC	RA	012	S	9/29/93 12:00 AM
943		Non-CC	RA	012	SS	12/6/2007 12:00 AM
944		Non-CC	BB	012	RP	9/12/97 12:00 AM
945		Non-CC	RV	012	F	8/31/96 12:00 AM
946		Non-CC	BF	012	RP	5/19/94 12:00 AM
947		Non-CC	BB	012	RP	5/9/2001 12:00 AM
948		Non-CC	RA	012	SA	
949	2004	CC	LY	012	FF	9/20/96 12:00 AM
950		Non-CC	BB	012	RP	
951		Non-CC	BF	012	RP	6/25/93 12:00 AM
952	2006	CC	RA	013	F	3/31/89 12:00 AM
953		Non-CC	RA	013	S	5/17/2005 12:00 AM
954		Non-CC	BB	013	RP	9/12/97 12:00 AM
955		Non-CC	RV	013	F	8/8/96 12:00 AM
956		Non-CC	BF	013	RP	5/12/2006 12:00 AM
957	2004	CC	LY	013	FF	7/17/98 12:00 AM
958		Non-CC	BF	013	PS	12/17/93 12:00 AM
959	2006	CC	RA	014	F	10/13/89 12:00 AM
960		Non-CC	RA	014	S	12/20/99 12:00 AM
961		Non-CC	BB	014	RP	9/12/97 12:00 AM
962		Non-CC	RV	014	F	6/24/97 12:00 AM
963		Non-CC	BF	014	RP	7/12/2002 12:00 AM
964	2004	CC	LY	014	FF	6/7/97 12:00 AM
965		Non-CC	BF	014	RP	12/21/93 12:00 AM
966	2006	CC	RA	015	F	5/23/90 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
967		Non-CC	RA	015	S	9/28/2006 12:00 AM
968		Non-CC	BB	015	RP	7/30/97 12:00 AM
969		Non-CC	RV	015	F	5/26/98 12:00 AM
970		Non-CC	BF	015	RP	9/27/2002 12:00 AM
971	2004	CC	LY	015	FF	8/24/2000 12:00 AM
972		Non-CC	BF	015	RP	9/17/98 12:00 AM
973	2006	CC	RA	016	F	4/2/91 12:00 AM
974		Non-CC	RA	016	S	9/28/2006 12:00 AM
975		Non-CC	BB	016	RP	10/1/97 12:00 AM
976		Non-CC	BF	016	RP	9/27/2002 12:00 AM
977	2004	CC	LY	016	FF	9/1/2000 12:00 AM
978		Non-CC	BF	016	RP	10/7/2002 12:00 AM
979	2006	CC	RA	017	F	6/4/92 12:00 AM
980		Non-CC	RA	017	S	5/17/2005 12:00 AM
981		Non-CC	BB	017	RP	12/1/97 12:00 AM
982		Non-CC	BF	017	RP	7/28/2003 12:00 AM
983	2006	CC	RA	018	F	8/24/92 12:00 AM
984		Non-CC	RA	018	S	9/28/2006 12:00 AM
985		Non-CC	BB	018	RP	6/8/98 12:00 AM
986		Non-CC	RV	018	F	10/26/98 12:00 AM
987		Non-CC	BF	018	RP	11/6/2003 12:00 AM
988	2004	CC	LY	018	FF	5/21/99 12:00 AM
989		Non-CC	BF	018	RP	7/23/2002 12:00 AM
990	2006	CC	RA	019	F	8/24/92 12:00 AM
991		Non-CC	RA	019	S	
992		Non-CC	BB	019	RP	10/21/97 12:00 AM
993		Non-CC	BF	019	RP	9/30/2003 12:00 AM
994	2004	CC	LY	019	FF	8/15/2004 12:00 AM
995		Non-CC	BF	019	RP	6/26/2006 12:00 AM
996	2006	CC	RA	020	F	3/30/90 12:00 AM
997		Non-CC	RA	020	S	9/28/2006 12:00 AM
998		Non-CC	BF	020	RP	9/30/2003 12:00 AM
999		Non-CC	BF	020	RP	9/26/2001 12:00 AM
1000	2006	CC	RA	021	F	9/30/88 12:00 AM
1001		Non-CC	RA	021	S	4/7/2008 12:00 AM
1002		Non-CC	RV	021	F	7/26/99 12:00 AM
1003		Non-CC	BF	021	RP	8/26/2005 12:00 AM
1004		Non-CC	BF	021	RP	4/24/2003 12:00 AM
1005	2006	CC	RA	022	F	6/28/91 12:00 AM
1006		Non-CC	RA	022	S	6/2/2008 12:00 AM
1007		Non-CC	BB	022	RP	1/8/97 12:00 AM
1008		Non-CC	RV	022	F	6/30/2000 12:00 AM
1009		Non-CC	BF	022	RP	10/29/2004 12:00 AM
1010		Non-CC	BF	022	RP	9/19/2003 12:00 AM
1011	2006	CC	RA	023	F	5/29/2001 12:00 AM
1012		Non-CC	RA	023	S	
1013		Non-CC	BB	023	RP	4/1/97 12:00 AM
1014		Non-CC	RV	023	F	8/10/2000 12:00 AM
1015		Non-CC	BF	023	RP	12/20/2000 12:00 AM
1016		Non-CC	BF	023	RP	12/17/2003 12:00 AM
1017		Non-CC	BB	024	RP	7/7/96 12:00 AM
1018		Non-CC	RV	024	F	6/25/2001 12:00 AM
1019		Non-CC	BF	024	RP	7/16/2004 12:00 AM
1020		Non-CC	BB	025	RP	5/30/96 12:00 AM
1021		Non-CC	BF	025	RP	5/15/2003 12:00 AM
1022		Non-CC	BF	025	RP	
1023		Non-CC	BB	026	RP	7/1/96 12:00 AM
1024		Non-CC	RV	026	F	5/3/2004 12:00 AM
1025		Non-CC	BF	026	RP	
1026		Non-CC	BB	027	RP	8/15/96 12:00 AM
1027		Non-CC	RV	027	F	9/19/2005 12:00 AM
1028		Non-CC	BF	027	RP	8/21/2008 12:00 AM
1029		Non-CC	BB	028	RP	8/29/96 12:00 AM
1030		Non-CC	RV	028	F	7/17/2006 12:00 AM
1031		Non-CC	BF	028	RP	
1032		Non-CC	BB	029	RP	8/29/96 12:00 AM
1033		Non-CC	RV	029	F	2/19/2008 12:00 AM
1034		Non-CC	BF	029	RP	9/30/2008 12:00 AM
1035		Non-CC	BB	030	RP	8/30/96 12:00 AM

	CC Year	CC Status	RAT CODE	ACT CODE ID	RALT CODE	ACT ACTL STRT DATE
1036		Non-CC	RV	030	SA	6/15/2009 12:00 AM
1037		Non-CC	BB	031	RP	10/31/95 12:00 AM
1038		Non-CC	BB	032	RP	8/4/95 12:00 AM
1039		Non-CC	BB	034	RP	6/11/98 12:00 AM
1040		Non-CC	BB	035	RP	7/7/98 12:00 AM
1041		Non-CC	BB	037	RP	7/7/98 12:00 AM
1042		Non-CC	BB	038	RP	7/7/98 12:00 AM
1043		Non-CC	BB	039	RP	7/7/98 12:00 AM
1044		Non-CC	BB	040	RP	6/8/98 12:00 AM
1045		Non-CC	BB	041	RP	8/17/98 12:00 AM
1046		Non-CC	BB	042	RP	8/17/98 12:00 AM
1047		Non-CC	BB	043	RP	8/17/98 12:00 AM
1048		Non-CC	BB	044	RP	9/24/98 12:00 AM
1049		Non-CC	BB	045	RP	9/24/98 12:00 AM
1050		Non-CC	BB	046	RP	9/24/98 12:00 AM
1051		Non-CC	BB	047	RP	9/24/98 12:00 AM
1052		Non-CC	BB	048	RP	9/17/98 12:00 AM
1053		Non-CC	BB	049	RP	9/17/98 12:00 AM
1054		Non-CC	BB	050	RP	9/17/98 12:00 AM
1055		Non-CC	BB	051	RP	10/5/98 12:00 AM
1056		Non-CC	BB	052	RP	10/22/98 12:00 AM
1057		Non-CC	BB	053	RP	10/22/98 12:00 AM
1058		Non-CC	BB	054	RP	7/12/99 12:00 AM
1059		Non-CC	BB	055	RP	7/12/99 12:00 AM
1060		Non-CC	BB	056	RP	7/12/99 12:00 AM
1061		Non-CC	BB	057	RP	4/7/97 12:00 AM
1062		Non-CC	BB	058	RP	10/6/99 12:00 AM
1063		Non-CC	BB	059	RP	10/6/99 12:00 AM
1064		Non-CC	BB	060	RP	10/21/99 12:00 AM
1065		Non-CC	BB	061	RP	11/29/99 12:00 AM
1066		Non-CC	BB	062	RP	11/29/99 12:00 AM
1067		Non-CC	BB	063	RP	11/29/99 12:00 AM
1068		Non-CC	BB	064	RP	11/29/99 12:00 AM
1069		Non-CC	BB	065	RP	10/4/99 12:00 AM
1070		Non-CC	BB	066	RP	7/24/98 12:00 AM
1071		Non-CC	BB	067	RP	11/11/99 12:00 AM

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
1			0	0	0	
2			0	0	0	
3			0	0	0	
4			0	0	0	
5			0	0	0	
6			0	0	0	
7			0	0	0	
8			0	0	0	
9			0	0	0	
10			0	0	0	
11			0	0	0	
12		0	0	0	0	1
13	20121	0	0	0	0	0
14		0	0	0	0	1
15	20141	0	0	0	0	0
16	20084	0	0	0	0	0
17	20063	0	0	0	0	1
18	20141	0	0	0	0	0
19		0	0	0	0	1
20	20143	0	0	0	0	0
21	19893	0	0	0	0	1
22	19962	0	0	0	0	0
23	19921	0	0	0	0	1
24	19894	0	0	0	0	0
25	19841	0	0	0	0	1
26	19894	0	0	0	0	0
27	19841	0	0	0	0	1
28	19961	0	0	0	0	1
29	20004	0	0	0	0	0
30		0	0	0	0	1
31	20043	0	0	0	0	1
32		0	0	0	0	1
33	20021	0	0	0	0	0
34	20002	0	0	0	0	0
35	19962	0	0	0	0	1
36		0	0	0	0	1
37	20102	0	0	0	0	0
38	19992	0	0	0	0	0
39	19922	0	0	0	0	1
40	19884	0	0	0	0	0
41		0	0	0	0	1
42		0	0	0	0	1
43	20081	1	0	0	0	0
44		0	0	0	0	1
45	20013	0	0	0	0	0
46	19912	0	0	0	0	1
47	19881	0	0	0	0	1
48	20121	0	0	0	0	0
49		0	0	0	0	1
50		0	0	0	0	1
51	19944	0	0	0	0	0
52		0	0	0	0	1
53	19943	1	0	0	0	1
54	19991	0	0	0	0	0
55	19922	0	0	0	0	1
56	20082	0	0	0	0	1
57	19972	0	0	0	0	1
58	20083	0	0	0	0	0
59	19961	0	0	0	0	1
60	19951	0	0	0	0	0
61		0	0	0	0	1
62	20124	0	0	0	0	0
63		0	0	0	0	1
64		0	0	0	0	1
65	20064	0	0	0	0	0
66		0	0	0	0	1
67	19984	0	0	0	0	1
68	20041	0	0	0	0	0
69	20141	0	0	0	0	0

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
70		0	0	0	0	1
71	19944	0	0	0	0	1
72	20014	0	0	0	0	1
73	19974	0	0	0	0	1
74		0	0	0	0	1
75	20124	0	0	0	0	0
76	20112	0	0	0	0	0
77		0	0	0	0	1
78	20131	0	0	0	0	0
79	20131	0	0	0	0	0
80	20094	0	0	0	0	1
81	20131	0	0	0	0	0
82	20131	0	0	0	0	0
83	20033	0	0	0	0	1
84	20081	0	0	0	0	1
85	20142	0	0	0	0	0
86		0	0	0	0	1
87		0	0	0	0	1
88		0	0	0	0	1
89	19984	0	0	0	0	0
90		0	0	0	0	1
91		0	0	0	0	1
92		0	0	0	0	1
93		0	0	0	0	1
94		0	0	0	0	0
95		0	0	0	0	1
96		0	0	0	0	1
97	20164	0	0	0	0	0
98	19931	0	0	0	0	0
99	19894	0	0	0	0	0
100	19914	0	0	0	0	0
101	19874	0	0	0	0	1
102	20091	0	0	0	0	1
103	19984	0	0	0	0	1
104	19981	0	0	0	0	1
105	19942	1	0	0	0	1
106	19954	0	0	0	0	0
107	19924	0	0	0	0	1
108	20131	0	0	0	0	0
109	19843	0	0	0	0	0
110	19854	0	0	0	0	1
111	20114	0	0	0	0	0
112	20043	0	0	0	0	1
113	19901	1	0	0	0	1
114	20013	0	0	0	0	0
115	20032	0	0	0	0	0
116	19894	0	0	0	0	1
117	20042	0	0	0	0	0
118	19921	0	0	0	0	1
119	20023	0	0	0	0	1
120	20014	0	0	0	0	0
121	19894	0	0	0	0	0
122	19863	0	0	0	0	1
123	20074	0	0	0	0	1
124	20023	0	0	0	0	1
125	20022	0	0	0	0	1
126	20154	0	0	0	0	0
127	20084	0	0	0	0	0
128	19941	0	0	0	0	1
129	19971	0	0	0	0	0
130	19951	0	0	0	0	1
131	19944	0	0	0	0	1
132	20122	0	0	0	0	0
133	19964	0	0	0	0	1
134	20113	0	0	0	0	0
135	19983	0	0	0	0	1
136	20071	0	0	0	0	1
137	20084	0	0	0	0	1
138	20013	0	0	0	0	1

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
139	20054	0	0	0	0	1
140	20074	0	0	0	0	0
141	20051	0	0	0	0	1
142		0	0	0	0	1
143	20113	0	0	0	0	0
144	20062	0	0	0	0	1
145	20113	0	0	0	0	0
146	20062	0	0	0	0	1
147	20174	0	0	0	0	0
148	20062	0	0	0	0	1
149	20072	0	0	0	0	1
150	20084	0	0	0	0	1
151	20144	0	0	0	0	0
152	20081	0	0	0	0	1
153	20082	0	0	0	0	1
154	20084	0	0	0	0	1
155	20064	0	0	0	0	1
156	20064	0	0	0	0	1
157	20083	0	0	0	0	1
158		0	0	0	0	1
159	20083	0	0	0	0	1
160	20083	0	0	0	0	1
161	20093	0	0	0	0	1
162	20054	0	0	0	0	0
163	20002	0	0	0	0	1
164	19873	0	0	0	0	0
165	19943	0	0	0	0	0
166	20003	0	0	0	0	0
167	19884	0	0	0	0	0
168	19884	0	0	0	0	0
169	19843	0	0	0	0	1
170	19984	0	0	0	0	1
171	19933	0	0	0	0	1
172	19931	0	0	0	0	0
173	19882	0	0	0	0	0
174	19854	0	0	0	0	1
175	19933	0	0	0	0	1
176	19944	0	0	0	0	0
177	19892	0	0	0	0	0
178	19872	0	0	0	0	1
179	19853	0	0	0	0	1
180	19904	0	0	0	0	0
181	19904	0	0	0	0	1
182	20003	0	0	0	0	1
183	20111	0	0	0	0	0
184	19881	0	0	0	0	1
185	19943	1	0	0	0	1
186	20004	0	0	0	0	0
187	19953	0	0	0	0	0
188	19931	0	0	0	0	1
189	19884	0	0	0	0	0
190	20121	0	0	0	0	0
191	19862	0	0	0	0	1
192	19991	0	0	0	0	1
193	20033	0	0	0	0	1
194	19962	0	0	0	0	1
195	20094	0	0	0	0	1
196	20124	0	0	0	0	0
197	20042	1	0	0	0	0
198	19991	0	0	0	0	1
199	20122	0	0	0	0	0
200	20063	0	0	0	0	1
201	20054	0	0	0	0	1
202	20034	0	0	0	0	1
203	20044	0	0	0	0	1
204	20061	0	0	0	0	1
205	20064	0	0	0	0	1
206	20123	0	0	0	0	0
207	20084	0	0	0	0	1

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
208	20071	0	0	0	0	1
209	20094	0	0	0	0	1
210	20094	0	0	0	0	1
211	20081	0	0	0	0	1
212	19904	0	0	0	0	1
213	19893	0	0	0	0	1
214	19914	0	0	0	0	1
215	19922	0	0	0	0	0
216	20111	0	0	0	0	0
217	20063	0	0	0	0	1
218	19922	0	0	0	0	1
219	19902	0	0	0	0	1
220	19914	0	0	0	0	1
221	19882	0	0	0	0	0
222	20093	1	0	0	0	0
223	19864	0	0	0	0	1
224	19883	0	0	0	0	1
225	19923	0	0	0	0	0
226	20151	0	0	0	0	0
227	19882	0	0	0	0	1
228	19991	0	0	0	0	1
229	19843	0	0	0	0	0
230	20014	0	0	0	0	1
231	20023	0	0	0	0	0
232	20003	0	0	0	0	1
233	20084	0	0	0	0	1
234	20003	0	0	0	0	1
235	20043	0	0	0	0	1
236	20153	0	0	0	0	0
237	20163	0	0	0	0	0
238	20114	0	0	0	0	0
239	20044	0	0	0	0	1
240	20024	0	0	0	0	0
241	19994	0	0	0	0	1
242	20003	0	0	0	0	1
243	20144	0	0	0	0	0
244	20142	1	0	0	0	0
245	20003	0	0	0	0	1
246	20133	0	0	0	0	0
247	20024	0	0	0	0	1
248	20053	0	0	0	0	1
249	19914	0	0	0	0	0
250	20114	0	0	0	0	0
251	20004	0	0	0	0	1
252	20034	0	0	0	0	1
253	19932	0	0	0	0	1
254	20034	0	0	0	0	0
255	19934	0	0	0	0	1
256	20123	0	0	0	0	0
257	19934	0	1	0	1	1
258	20044	0	0	0	0	0
259	19954	0	0	0	0	0
260	19902	0	0	0	0	1
261	20033	0	0	0	0	1
262	19911	0	0	0	0	0
263	19973	0	0	0	0	1
264	19892	0	0	0	0	1
265	19914	0	0	0	0	0
266	19912	0	0	0	0	1
267	19972	0	0	0	0	1
268	19984	0	0	0	0	0
269	20082	0	0	0	0	0
270	19933	0	0	0	0	1
271	19914	0	0	0	0	1
272	19914	0	0	0	0	0
273	20044	0	0	0	0	1
274	20044	0	0	0	0	1
275	19921	0	0	0	0	1
276	19913	0	0	0	0	1

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
277	20064	1	0	0	0	1
278	20061	0	0	0	0	1
279	20043	0	0	0	0	1
280	20043	0	0	0	0	1
281	20034	0	0	0	0	0
282	20013	0	0	0	0	1
283	20001	0	0	0	0	1
284	20002	0	0	0	0	0
285	19992	0	0	0	0	1
286	20034	0	0	0	0	1
287	20051	0	0	0	0	1
288	20074	0	0	0	0	1
289	20094	0	0	0	0	1
290	20082	0	0	0	0	1
291		0	0	0	0	1
292	20122	0	0	0	0	0
293	20041	0	0	0	0	1
294	20061	0	0	0	0	1
295	20142	0	0	0	0	0
296	20091	0	0	0	0	1
297	19901	0	0	0	0	0
298	19894	0	0	0	0	1
299	19902	1	0	0	0	0
300	20044	0	0	0	0	1
301	19894	0	0	0	0	0
302	19884	0	0	0	0	1
303	19873	0	0	0	0	0
304	19834	0	0	0	0	1
305	19983	1	0	0	0	1
306	20153	0	0	0	0	0
307	19974	0	0	0	0	1
308	20091	0	0	0	0	1
309	19901	0	0	0	0	0
310	20112	0	0	0	0	0
311	19923	0	0	0	0	1
312	19994	1	0	0	0	1
313	20141	0	0	0	0	0
314	19994	0	0	0	0	1
315	20041	0	0	0	0	1
316	20054	0	0	0	0	0
317	19981	0	0	0	0	1
318	20022	0	0	0	0	1
319	19953	0	0	0	0	1
320	19984	0	0	0	0	1
321	19984	0	0	0	0	1
322	19994	0	0	0	0	1
323	20002	0	0	0	0	1
324	20022	0	0	0	0	1
325	20063	0	0	0	0	1
326	20031	0	0	0	0	1
327	20031	0	0	0	0	1
328		0	0	0	0	1
329	20041	0	0	0	0	1
330	20073	0	0	0	0	1
331	20062	0	0	0	0	1
332		0	0	0	0	1
333	20071	0	0	0	0	1
334	20084	0	0	0	0	1
335	20084	0	0	0	0	1
336	19914	0	0	0	0	1
337	20073	0	0	0	0	1
338	20073	0	0	0	0	1
339	20021	0	0	0	0	1
340	20053	0	0	0	0	1
341	20142	0	0	0	0	0
342	20122	0	0	0	0	0
343	20062	0	0	0	0	1
344	19912	0	0	0	0	1
345	19964	0	0	0	0	0

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
346	19981	0	0	0	0	1
347		0	0	0	0	1
348		0	0	0	0	1
349	19944	0	0	0	0	0
350	19953	0	0	0	0	0
351		0	0	0	0	1
352	19993	0	0	0	0	0
353	19964	0	0	0	0	1
354	19954	0	0	0	0	1
355	19991	0	0	0	0	1
356		0	0	0	0	1
357	19933	0	0	0	0	1
358	20034	0	0	0	0	0
359		0	0	0	0	1
360	19964	0	0	0	0	1
361	20001	0	0	0	0	1
362		0	0	0	0	1
363	19983	0	0	0	0	1
364	20034	0	0	0	0	1
365	20034	0	0	0	0	1
366	20073	0	0	0	0	1
367	20054	0	0	0	0	1
368	20033	0	0	0	0	1
369	20054	0	0	0	0	1
370	20064	1	0	0	0	1
371	20073	0	0	0	0	1
372	20081	0	0	0	0	1
373	19961	0	0	0	0	1
374	20034	0	0	0	0	0
375	19914	0	0	0	0	0
376	19894	0	0	0	0	0
377	19954	0	0	0	0	1
378	20054	0	0	0	0	0
379	20074	0	0	0	0	1
380	20144	0	0	0	0	0
381	20083	0	0	0	0	1
382		0	0	0	0	1
383	19994	0	0	0	0	0
384	19923	0	0	0	0	0
385	19912	0	0	0	0	0
386	20031	0	0	0	0	1
387	20031	0	0	0	0	1
388		0	0	0	0	1
389	19893	1	0	0	0	0
390	19934	1	0	0	0	0
391	20054	0	0	0	0	1
392	20044	0	0	0	0	1
393	20091	0	0	0	0	0
394	20044	0	0	0	0	1
395	20001	0	0	0	0	1
396	20103	0	0	0	0	0
397	20064	0	0	0	0	1
398	20101	0	0	0	0	0
399	20031	0	0	0	0	1
400	20044	0	0	0	0	1
401	20081	0	0	0	0	1
402		0	0	0	0	1
403	20133	0	0	0	0	0
404		0	0	0	0	1
405	20111	0	0	0	0	0
406	19893	0	0	0	0	1
407	19974	0	0	0	0	0
408	19984	0	0	0	0	1
409	20064	0	0	0	0	1
410	20051	0	0	0	0	1
411	20014	0	0	0	0	1
412	20011	0	0	0	0	0
413	19963	0	0	0	0	1
414	20113	0	0	0	0	0

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
415	20041	0	0	0	0	0
416		0	0	0	0	1
417	20101	0	0	0	0	0
418	20043	1	0	0	0	0
419		0	0	0	0	1
420	20141	0	0	0	0	0
421	19991	0	0	0	0	0
422		0	0	0	0	1
423	20133	0	0	0	0	0
424	20063	0	0	0	0	0
425	20121	0	0	0	0	0
426	20041	0	0	0	0	1
427	20124	0	0	0	0	0
428		0	0	0	0	1
429	20021	0	0	0	0	1
430		0	0	0	0	0
431	20121	0	0	0	0	0
432	20103	0	0	0	0	0
433		0	0	0	0	1
434	20014	0	0	0	0	1
435	19921	0	0	0	0	0
436	19914	0	0	0	0	1
437	19981	0	0	0	0	0
438	19863	0	0	0	0	0
439	19954	0	0	0	0	1
440	20001	0	0	0	0	1
441	20022	0	0	0	0	0
442	19994	0	0	0	0	1
443	19984	0	0	0	0	0
444	19953	0	0	0	0	1
445	20074	0	0	0	0	0
446	19921	0	0	0	0	0
447	19874	0	0	0	0	1
448	20073	0	0	0	0	1
449	20153	0	0	0	0	0
450	20113	0	0	0	0	0
451	20134	0	0	0	0	0
452	19973	0	0	0	0	0
453	19952	0	0	0	0	1
454	20004	0	0	0	0	1
455	19994	0	0	0	0	1
456	19983	0	0	0	0	1
457	19974	0	0	0	0	1
458	20054	0	0	0	0	1
459	20182	0	0	0	0	0
460	20182	0	0	0	0	0
461	20113	0	0	0	0	0
462	20144	0	0	0	0	0
463	20082	0	0	0	0	1
464	20093	0	0	0	0	0
465	20031	0	0	0	0	1
466	20022	1	0	0	0	0
467	19994	0	0	0	0	0
468	19903	0	0	0	0	1
469	20041	0	0	0	0	1
470	19932	0	0	0	0	0
471	19882	0	0	0	0	0
472	19894	0	0	0	0	1
473	19934	0	0	0	0	1
474	19984	0	0	0	0	0
475	19924	0	0	0	0	0
476	19874	0	0	0	0	1
477	19953	0	0	0	0	0
478	19921	0	0	0	0	1
479	20122	0	0	0	0	0
480	20051	0	0	0	0	1
481	20033	0	0	0	0	1
482	19953	0	0	0	0	0
483	19934	0	0	0	0	1

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
484	19911	0	0	0	0	1
485	19904	0	0	0	0	0
486	20111	0	0	0	0	0
487	19944	0	0	0	0	1
488	20054	1	0	0	0	1
489	20113	0	0	0	0	0
490	20051	0	0	0	0	0
491	20134	0	0	0	0	0
492	20004	0	0	0	0	1
493	20154	0	0	0	0	0
494	20074	0	0	0	0	1
495	19964	0	0	0	0	1
496	19923	0	0	0	0	1
497	19933	0	0	0	0	0
498	19992	0	0	0	0	1
499	19892	0	0	0	0	1
500	19964	0	0	0	0	0
501	20084	0	0	0	0	0
502	19894	0	0	0	0	1
503	20062	0	0	0	0	0
504	20173	0	0	0	0	0
505	20003	0	0	0	0	1
506	20104	0	0	0	0	0
507	20173	0	0	0	0	0
508	20043	0	0	0	0	0
509	20011	0	0	0	0	1
510	20034	0	0	0	0	1
511	20103	0	0	0	0	0
512	20143	0	0	0	0	0
513	19924	0	0	0	0	0
514	20014	0	0	0	0	0
515	20024	0	0	0	0	1
516	19934	0	0	0	0	1
517	20024	0	0	0	0	0
518	19934	0	0	0	0	1
519	19963	0	0	0	0	1
520	19934	0	0	0	0	1
521	19982	0	0	0	0	0
522	19911	0	0	0	0	1
523	20044	0	0	0	0	1
524	19942	0	0	0	0	0
525	19923	0	0	0	0	0
526	19924	0	0	0	0	1
527	20004	0	0	0	0	1
528	19974	0	0	0	0	1
529	19922	0	0	0	0	0
530	20063	0	0	0	0	1
531	20104	0	0	0	0	0
532	20053	0	0	0	0	1
533	20034	0	0	0	0	0
534	20014	0	0	0	0	1
535	20123	0	0	0	0	0
536	20083	0	0	0	0	1
537	20061	0	0	0	0	1
538	19943	0	0	0	0	0
539	19994	0	0	0	0	0
540	19883	0	0	0	0	0
541	19974	0	0	0	0	1
542	20013	0	0	0	0	1
543	19942	0	0	0	0	0
544	20132	0	0	0	0	0
545	20132	0	0	0	0	0
546	20004	1	0	0	0	1
547		0	0	0	0	1
548	20112	0	0	0	0	0
549	20032	0	0	0	0	1
550	20041	0	0	0	0	1
551	20112	0	0	0	0	0
552		0	0	0	0	1

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
553	20104	0	0	0	0	0
554	20143	0	0	0	0	0
555		0	0	0	0	1
556	19914	0	0	0	0	1
557	20143	0	0	0	0	0
558	19911	0	0	0	0	1
559		0	0	0	0	0
560		1	0	0	0	0
561	19893	0	0	0	0	1
562	19984	1	0	0	0	1
563	19954	0	0	0	0	1
564	20073	0	0	0	0	1
565	20102	0	0	0	0	0
566		0	0	0	0	1
567	19991	0	0	0	0	1
568	20083	0	0	0	0	1
569	20084	0	0	0	0	1
570	20021	0	0	0	0	1
571	19904	0	0	0	0	0
572		0	0	0	0	1
573	19923	1	0	0	0	0
574	20041	1	0	0	0	1
575	19884	0	0	0	0	1
576	19894	0	0	0	0	0
577	20094	0	0	0	0	0
578	20131	0	0	0	0	0
579	20021	0	0	0	0	1
580	20093	0	0	0	0	1
581	19964	1	0	0	0	0
582	19924	0	0	0	0	0
583	19924	0	0	0	0	0
584	20083	0	0	0	0	1
585	20054	0	0	0	0	0
586	19964	0	0	0	0	1
587	20282	1	0	0	0	0
588	20091	0	0	0	0	0
589	20023	1	0	0	0	0
590	19991	0	0	0	0	0
591	20041	0	0	0	0	1
592		0	0	0	0	1
593		0	0	0	0	1
594	19963	0	0	0	0	0
595	20001	0	0	0	0	1
596	19981	0	0	0	0	1
597	20003	0	0	0	0	1
598	20034	0	0	0	0	0
599	20034	0	0	0	0	0
600	19953	0	0	0	0	1
601		0	0	0	0	0
602	19933	1	0	0	0	0
603	19902	0	0	0	0	1
604	20124	0	0	0	0	0
605	20011	0	0	0	0	1
606	20014	0	0	0	0	0
607	20014	0	0	0	0	1
608	20121	0	0	0	0	0
609		1	0	0	0	1
610	20003	0	0	0	0	1
611	19973	0	0	0	0	1
612	20123	0	0	0	0	0
613	20254	0	0	0	0	0
614	20254	0	0	0	0	0
615	20252	0	0	0	0	0
616	20144	0	0	0	0	0
617	20082	0	0	0	0	1
618	20114	0	0	0	0	0
619	19892	0	0	0	0	0
620	19941	0	0	0	0	1
621	19984	0	0	0	0	0

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
622	19934	0	0	0	0	0
623	19914	0	0	0	0	1
624	20064	0	0	0	0	1
625	19933	0	0	0	0	1
626	19953	0	0	0	0	0
627	19934	0	0	0	0	1
628	19954	0	0	0	0	1
629	19942	0	0	0	0	0
630	19953	0	0	0	0	1
631	20031	0	0	0	0	1
632	19924	0	0	0	0	1
633	19943	0	0	0	0	0
634	19893	0	0	0	0	1
635	19973	0	0	0	0	0
636	20094	0	0	0	0	0
637	19923	0	0	0	0	1
638	20103	0	0	0	0	0
639	20133	0	0	0	0	0
640	20003	0	0	0	0	1
641	19994	0	0	0	0	1
642	20043	0	0	0	0	1
643	20113	0	0	0	0	0
644	20003	0	0	0	0	1
645	20014	0	0	0	0	0
646	19922	0	0	0	0	1
647	20024	0	0	0	0	0
648	20083	0	0	0	0	0
649	19953	0	0	0	0	1
650	20064	0	0	0	0	1
651	19894	0	0	0	0	0
652	19932	0	0	0	0	0
653	19923	0	0	0	0	0
654	20034	0	0	0	0	0
655	20034	0	0	0	0	0
656	20091	0	0	0	0	1
657	19891	0	0	0	0	0
658	20004	0	0	0	0	1
659	19974	0	0	0	0	1
660	20031	0	0	0	0	1
661	20122	0	0	0	0	0
662	20102	0	0	0	0	0
663	20122	0	0	0	0	0
664	20081	0	0	0	0	1
665		0	0	0	0	1
666	19944	1	0	0	0	1
667		0	0	0	0	1
668		0	0	0	0	1
669		0	0	0	0	1
670	20003	0	0	0	0	1
671	20063	0	0	0	0	0
672	19974	0	0	0	0	0
673	19912	0	0	0	0	1
674	19894	0	0	0	0	0
675	20114	0	0	0	0	0
676	19973	0	0	0	0	0
677	20122	0	0	0	0	0
678	20041	0	0	0	0	1
679	20113	0	0	0	0	0
680		0	0	0	0	1
681	19974	1	0	0	0	0
682	20042	0	0	0	0	0
683	20114	0	0	0	0	0
684	19964	0	0	0	0	0
685	19952	0	0	0	0	1
686	20024	0	0	0	0	1
687	20154	0	0	0	0	0
688	20074	0	0	0	0	0
689		0	0	0	0	1
690	20072	0	0	0	0	1

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
691	20034	0	0	0	0	1
692	20103	0	0	0	0	0
693	20042	0	0	0	0	1
694	20332	0	0	0	0	0
695	20332	0	0	0	0	0
696	20324	0	0	0	0	0
697	20131	0	0	0	0	0
698	19892	0	0	0	0	0
699	19941	0	0	0	0	1
700	19984	0	0	0	0	0
701	19934	0	0	0	0	0
702	19961	0	0	0	0	1
703	19934	0	0	0	0	1
704	19964	0	0	0	0	0
705	19964	0	0	0	0	1
706	19954	0	0	0	0	1
707	20064	0	0	0	0	0
708	20034	0	0	0	0	1
709	19924	0	0	0	0	1
710	20024	0	0	0	0	0
711	19903	0	0	0	0	1
712	20043	0	0	0	0	0
713	20103	0	0	0	0	0
714	20143	0	0	0	0	0
715	20023	0	0	0	0	1
716	20093	0	0	0	0	0
717	20013	0	0	0	0	1
718	20103	0	0	0	0	0
719	20003	0	0	0	0	1
720	20023	1	0	0	0	0
721	20024	0	0	0	0	0
722	20084	0	0	0	0	0
723	19982	0	0	0	0	1
724	19952	0	0	0	0	0
725	19941	0	0	0	0	0
726	19924	0	0	0	0	0
727	20054	0	0	0	0	0
728	20044	0	0	0	0	0
729	20003	0	0	0	0	0
730	19944	0	0	0	0	0
731		0	0	0	0	1
732	19952	0	0	0	0	1
733	20054	0	0	0	0	1
734	20054	0	0	0	0	0
735	20101	0	0	0	0	0
736	20154	0	0	0	0	0
737	20084	0	0	0	0	1
738		0	0	0	0	1
739	20034	0	0	0	0	0
740	19981	0	0	0	0	1
741	20113	0	0	0	0	0
742	20054	0	0	0	0	1
743	20001	0	0	0	0	1
744	20104	0	0	0	0	0
745	20023	0	0	0	0	1
746		0	0	0	0	0
747	19932	0	0	0	0	1
748	19903	0	0	0	0	0
749	20004	0	0	0	0	0
750	20024	1	0	0	0	0
751	20094	0	0	0	0	0
752	20094	0	0	0	0	0
753	20021	0	0	0	0	1
754	20064	0	0	0	0	1
755	19892	0	0	0	0	0
756	19942	0	0	0	0	1
757	19993	0	0	0	0	0
758	19934	0	0	0	0	0
759	19984	0	0	0	0	1

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
760	19952	0	0	0	0	1
761	19984	0	0	0	0	1
762	19954	0	0	0	0	1
763	19984	0	0	0	0	0
764	19963	0	0	0	0	1
765	20073	0	0	0	0	0
766	19904	0	0	0	0	1
767	20124	0	0	0	0	0
768	20111	0	0	0	0	0
769	20103	0	0	0	0	0
770	20013	0	0	0	0	1
771	20103	0	0	0	0	0
772	20004	0	0	0	0	1
773	20142	0	0	0	0	0
774	20003	0	0	0	0	1
775	20022	1	0	0	0	0
776	20094	0	0	0	0	0
777	19971	0	0	0	0	1
778	19952	0	0	0	0	0
779	19944	0	0	0	0	0
780	19943	0	0	0	0	0
781	20112	0	0	0	0	0
782	20004	1	0	0	0	0
783	20024	0	0	0	0	1
784	19982	0	0	0	0	1
785		0	0	0	0	1
786	20112	0	0	0	0	0
787	20102	0	0	0	0	0
788	20142	0	0	0	0	0
789		0	0	0	0	1
790		0	0	0	0	1
791	20114	0	0	0	0	0
792	20002	1	0	0	0	0
793	20031	0	0	0	0	1
794	19912	0	0	0	0	0
795	20014	0	0	0	0	0
796	20102	0	0	0	0	0
797	20032	1	0	0	0	0
798	20083	0	0	0	0	0
799	20151	0	0	0	0	0
800	20032	0	0	0	0	1
801	19892	0	0	0	0	0
802	19953	0	0	0	0	1
803	19984	0	0	0	0	0
804	19934	0	0	0	0	0
805	20044	0	0	0	0	1
806	19961	0	0	0	0	1
807	20001	0	0	0	0	1
808	19984	0	0	0	0	0
809	19963	0	0	0	0	1
810	20012	0	0	0	0	0
811	19921	0	0	0	0	1
812	20022	0	0	0	0	0
813	20103	0	0	0	0	0
814	20123	0	0	0	0	0
815	20004	0	0	0	0	1
816	20053	0	0	0	0	1
817	20033	1	0	0	0	0
818	20104	0	0	0	0	0
819	19971	0	0	0	0	1
820	19844	0	0	0	0	0
821	19953	0	0	0	0	0
822	19953	0	0	0	0	0
823	20122	0	0	0	0	0
824	20084	0	0	0	0	0
825	20034	0	0	0	0	1
826	19994	0	0	0	0	1
827	20083	0	0	0	0	1
828	20153	0	0	0	0	0

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
829	20161	0	0	0	0	0
830	20102	0	0	0	0	0
831	20001	0	0	0	0	1
832	20111	1	0	0	0	0
833		0	0	0	0	1
834	19991	0	0	0	0	1
835	19922	0	0	0	0	0
836	20024	0	0	0	0	0
837		0	0	0	0	0
838	20042	1	0	0	0	0
839	20084	0	0	0	0	0
840	20134	0	0	0	0	0
841	20051	0	0	0	0	1
842	20023	0	0	0	0	1
843	19892	0	0	0	0	0
844	19953	0	0	0	0	1
845	20083	0	0	0	0	1
846	19992	0	0	0	0	0
847	19973	0	0	0	0	1
848	20003	0	0	0	0	0
849	19984	0	0	0	0	1
850	19943	0	0	0	0	0
851	19923	0	0	0	0	1
852	19984	0	0	0	0	0
853	20113	0	0	0	0	0
854	20013	0	0	0	0	1
855	20083	0	0	0	0	1
856	20141	0	0	0	0	0
857	20114	0	0	0	0	0
858	19971	0	0	0	0	1
859	19941	0	0	0	0	0
860	19954	0	0	0	0	0
861	19953	0	0	0	0	0
862	20044	0	0	0	0	1
863	20004	0	0	0	0	1
864	20162	0	0	0	0	0
865	20004	0	0	0	0	1
866	20024	1	0	0	0	0
867		0	0	0	0	1
868	20023	0	0	0	0	1
869	19922	0	0	0	0	0
870	20101	0	0	0	0	0
871	20161	0	0	0	0	0
872	19892	0	0	0	0	0
873	19964	0	0	0	0	1
874	19973	0	0	0	0	1
875	20044	0	0	0	0	0
876	19933	0	0	0	0	1
877	19943	0	0	0	0	0
878	19931	0	0	0	0	1
879	19943	0	0	0	0	0
880	20113	0	0	0	0	0
881	20044	0	0	0	0	1
882	20021	0	0	0	0	1
883	19963	0	0	0	0	0
884	19954	0	0	0	0	0
885	20054	0	0	0	0	1
886	20063	0	0	0	0	1
887	20053	0	0	0	0	0
888		0	0	0	0	1
889		0	0	0	0	1
890	19924	0	0	0	0	0
891	20084	0	0	0	0	0
892	20132	0	0	0	0	0
893	19892	0	0	0	0	0
894	20044	0	0	0	0	1
895	19974	0	0	0	0	0
896	20093	0	0	0	0	0
897	19974	0	0	0	0	1

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
898	20013	0	0	0	0	0
899	19954	0	0	0	0	1
900	19943	0	0	0	0	0
901	19944	0	0	0	0	1
902	20123	0	0	0	0	0
903	19954	0	0	0	0	0
904	20054	0	0	0	0	1
905	20082	0	0	0	0	1
906	20024	0	0	0	0	1
907	20054	0	0	0	0	0
908	20033	0	0	0	0	1
909	19933	0	0	0	0	0
910	20101	0	0	0	0	0
911	19892	0	0	0	0	0
912	20064	0	0	0	0	0
913	20034	1	0	0	0	0
914	19974	0	0	0	0	1
915	20024	0	0	0	0	0
916	19943	0	0	0	0	0
917	19961	0	0	0	0	1
918	20123	0	0	0	0	0
919	19954	0	0	0	0	0
920	20101	0	0	0	0	0
921	20012	0	0	0	0	1
922	20063	0	0	0	0	0
923	20054	0	0	0	0	1
924	19934	0	0	0	0	0
925	20121	0	0	0	0	0
926	20143	0	0	0	0	0
927	19892	0	0	0	0	0
928	20054	0	0	0	0	0
929	20054	0	0	0	0	0
930	19974	0	0	0	0	1
931	20054	1	0	0	0	0
932	19954	0	0	0	0	1
933	20004	0	0	0	0	0
934	20003	0	0	0	0	1
935	20133	0	0	0	0	0
936	19964	0	0	0	0	0
937	20104	0	0	0	0	0
938	20112	0	0	0	0	0
939	20084	0	0	0	0	1
940	19934	0	0	0	0	0
941	19892	0	0	0	0	0
942	19934	0	0	0	0	0
943	20081	0	0	0	0	0
944	19974	0	0	0	0	1
945	19964	0	0	0	0	1
946	19943	0	0	0	0	0
947	20013	0	0	0	0	1
948	20133	0	0	0	0	0
949	19964	0	0	0	0	0
950	20101	0	0	0	0	0
951	19941	0	0	0	0	0
952	19892	0	0	0	0	0
953	20053	0	0	0	0	0
954	19974	0	0	0	0	1
955	19964	0	0	0	0	1
956	20063	0	0	0	0	0
957	19984	0	0	0	0	0
958	19941	0	0	0	0	0
959	19901	0	0	0	0	0
960	20001	0	0	0	0	0
961	19974	0	0	0	0	1
962	19974	0	0	0	0	1
963	20024	0	0	0	0	0
964	19973	0	0	0	0	0
965	19942	0	0	0	0	0
966	19903	0	0	0	0	0

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
967	20064	1	0	0	0	0
968	19974	0	0	0	0	1
969	19983	0	0	0	0	1
970	20024	0	0	0	0	0
971	20004	0	0	0	0	0
972	19984	0	0	0	0	0
973	19913	0	0	0	0	0
974	20064	0	0	0	0	0
975	19981	0	0	0	0	1
976	20024	0	0	0	0	0
977	20004	0	0	0	0	0
978	20031	0	0	0	0	0
979	19923	0	0	0	0	0
980	20053	0	0	0	0	0
981	19983	0	0	0	0	1
982	20034	0	0	0	0	0
983	19924	0	0	0	0	0
984	20064	1	0	0	0	0
985	19981	0	0	0	0	1
986	19991	0	0	0	0	1
987	20041	0	0	0	0	0
988	19994	0	0	0	0	0
989	20024	0	0	0	0	0
990	19924	0	0	0	0	0
991	20112	1	0	0	0	0
992	19981	0	0	0	0	1
993	20034	0	0	0	0	0
994	20054	0	0	0	0	0
995	20073	0	0	0	0	0
996	19902	0	0	0	0	0
997	20064	1	0	0	0	0
998	20034	0	0	0	0	0
999	20014	0	0	0	0	0
1000	19884	0	0	0	0	0
1001	20083	1	0	0	0	0
1002	19994	0	0	0	0	1
1003	20054	0	0	0	0	0
1004	20034	0	0	0	0	0
1005	19913	0	0	0	0	0
1006	20083	1	0	0	0	0
1007	19972	0	0	0	0	1
1008	20004	0	0	0	0	1
1009	20051	0	0	0	0	0
1010	20034	0	0	0	0	0
1011	20013	0	0	0	0	0
1012	20112	0	0	0	0	0
1013	19973	0	0	0	0	1
1014	20004	0	0	0	0	1
1015	20011	0	0	0	0	0
1016	20041	1	0	0	0	0
1017	19961	0	0	0	0	1
1018	20013	0	0	0	0	1
1019	20044	0	0	0	0	0
1020	19963	0	0	0	0	1
1021	20033	0	0	0	0	0
1022	20123	0	0	0	0	0
1023	19964	0	0	0	0	1
1024	20043	0	0	0	0	1
1025	20113	0	0	0	0	0
1026	19964	0	0	0	0	1
1027	20054	0	0	0	0	1
1028	20084	0	0	0	0	0
1029	19964	0	0	0	0	1
1030	20064	0	0	0	0	1
1031	20113	0	0	0	0	0
1032	19964	0	0	0	0	1
1033	20082	0	0	0	0	1
1034	20084	0	0	0	0	0
1035	19964	0	0	0	0	1

	ACT CURR PLN STRT F	Anomaly Start	Bad Lead	Bad RA Lead	Bad RV Lead	Act RV Start
1036	20093	0	0	0	0	1
1037	19961	0	0	0	0	1
1038	19954	0	0	0	0	1
1039	19984	0	0	0	0	1
1040	19984	0	0	0	0	1
1041	19984	0	0	0	0	1
1042	19984	0	0	0	0	1
1043	19984	0	0	0	0	1
1044	19983	0	0	0	0	1
1045	19984	0	0	0	0	1
1046	19984	0	0	0	0	1
1047	19983	0	0	0	0	1
1048	19984	0	0	0	0	1
1049	19984	0	0	0	0	1
1050	19984	0	0	0	0	1
1051	19984	0	0	0	0	1
1052	19984	0	0	0	0	1
1053	19984	0	0	0	0	1
1054	19984	0	0	0	0	1
1055	19991	0	0	0	0	1
1056	19991	0	0	0	0	1
1057	19991	0	0	0	0	1
1058	19994	0	0	0	0	1
1059	19994	0	0	0	0	1
1060	19994	0	0	0	0	1
1061	19973	0	0	0	0	1
1062	20001	0	0	0	0	1
1063	20001	0	0	0	0	1
1064	20001	0	0	0	0	1
1065	20001	0	0	0	0	1
1066	20001	0	0	0	0	1
1067	20001	0	0	0	0	1
1068	20001	0	0	0	0	1
1069	20001	0	0	0	0	1
1070	19984	0	0	0	0	1
1071	20001	0	0	0	0	1

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12	0	0	0	1	0	0	0
13	0	0	1	0	1	0	1
14	0	0	0	1	0	0	0
15	0	0	1	0	1	1	0
16	0	1	0	1	0	1	0
17	0	0	0	1	0	0	0
18	0	0	1	0	1	1	0
19	0	0	0	1	0	0	0
20	0	0	1	0	1	0	1
21	0	0	0	1	0	0	0
22	0	1	0	1	0	1	0
23	0	0	0	1	0	0	0
24	0	1	0	1	0	1	0
25	0	0	0	1	0	0	0
26	0	1	0	1	0	1	0
27	0	0	0	1	0	0	0
28	0	0	0	1	0	0	0
29	0	1	0	1	0	0	0
30	0	0	0	1	0	0	0
31	0	0	0	1	0	0	0
32	0	0	0	1	0	0	0
33	0	1	0	1	0	0	1
34	0	1	0	1	0	1	0
35	0	0	0	1	0	0	0
36	0	0	0	1	0	0	0
37	1	0	0	0	1	0	0
38	0	1	0	1	0	0	1
39	0	0	0	1	0	0	0
40	0	1	0	1	0	0	1
41	0	0	0	1	0	0	0
42	0	0	0	1	0	0	0
43	0	1	0	1	0	0	1
44	0	0	0	1	0	0	0
45	0	1	0	1	0	0	1
46	0	0	0	1	0	0	0
47	0	0	0	1	0	0	0
48	0	0	1	0	1	1	0
49	0	0	0	1	0	0	0
50	0	0	0	1	0	0	0
51	0	1	0	1	0	0	1
52	0	0	0	1	0	0	0
53	0	0	0	1	0	0	0
54	0	1	0	1	0	0	1
55	0	0	0	1	0	0	0
56	0	0	0	1	0	0	0
57	0	0	0	1	0	0	0
58	0	1	0	1	0	0	1
59	0	0	0	1	0	0	0
60	0	1	0	1	0	0	1
61	0	0	0	1	0	0	0
62	0	0	1	0	1	1	0
63	0	0	0	1	0	0	0
64	0	0	0	1	0	0	0
65	0	1	0	1	0	1	0
66	0	0	0	1	0	0	0
67	0	0	0	1	0	0	0
68	0	1	0	1	0	0	1
69	0	0	1	0	1	1	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
70	0	0	0	1	0	0	0
71	0	0	0	1	0	0	0
72	0	0	0	1	0	0	0
73	0	0	0	1	0	0	0
74	0	0	0	1	0	0	0
75	0	0	1	0	1	0	1
76	0	0	1	0	1	1	0
77	0	0	0	1	0	0	0
78	0	0	1	0	1	0	1
79	0	0	1	0	1	1	0
80	0	0	0	1	0	0	0
81	0	0	1	0	1	0	1
82	0	0	1	0	1	1	0
83	0	0	0	1	0	0	0
84	0	0	0	1	0	0	0
85	0	0	1	0	1	0	1
86	0	0	0	1	0	0	0
87	0	0	0	1	0	0	0
88	0	0	0	1	0	0	0
89	0	1	0	1	0	1	0
90	0	0	0	1	0	0	0
91	0	0	0	1	0	0	0
92	0	0	0	1	0	0	0
93	0	0	0	1	0	0	0
94	0	1	0	1	0	0	1
95	0	0	0	1	0	0	0
96	0	0	0	1	0	0	0
97	0	0	1	0	1	0	1
98	0	1	0	1	0	0	1
99	0	1	0	1	0	0	1
100	0	1	0	1	0	1	0
101	0	0	0	1	0	0	0
102	0	0	0	1	0	0	0
103	0	0	0	1	0	0	0
104	0	0	0	1	0	0	0
105	0	0	0	1	0	0	0
106	0	1	0	1	0	0	1
107	0	0	0	1	0	0	0
108	0	0	1	0	1	0	1
109	0	1	0	1	0	1	0
110	0	0	0	1	0	0	0
111	0	0	1	0	1	0	1
112	0	0	0	1	0	0	0
113	0	0	0	1	0	0	0
114	0	1	0	1	0	0	1
115	0	1	0	1	0	0	1
116	0	0	0	1	0	0	0
117	0	1	0	1	0	1	0
118	0	0	0	1	0	0	0
119	0	0	0	1	0	0	0
120	0	1	0	1	0	0	1
121	0	1	0	1	0	1	0
122	0	0	0	1	0	0	0
123	0	0	0	1	0	0	0
124	0	0	0	1	0	0	0
125	0	0	0	1	0	0	0
126	0	0	1	0	1	0	1
127	0	1	0	1	0	1	0
128	0	0	0	1	0	0	0
129	0	1	0	1	0	1	0
130	0	0	0	1	0	0	0
131	0	0	0	1	0	0	0
132	0	0	1	0	1	0	1
133	0	0	0	1	0	0	0
134	0	0	1	0	1	1	0
135	0	0	0	1	0	0	0
136	0	0	0	1	0	0	0
137	0	0	0	1	0	0	0
138	0	0	0	1	0	0	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
139	0	0	0	1	0	0	0
140	0	1	0	1	0	1	0
141	0	0	0	1	0	0	0
142	0	0	0	1	0	0	0
143	0	0	1	0	1	1	0
144	0	0	0	1	0	0	0
145	0	0	1	0	1	1	0
146	0	0	0	1	0	0	0
147	0	0	1	0	1	1	0
148	0	0	0	1	0	0	0
149	0	0	0	1	0	0	0
150	0	0	0	1	0	0	0
151	0	0	1	0	1	1	0
152	0	0	0	1	0	0	0
153	0	0	0	1	0	0	0
154	0	0	0	1	0	0	0
155	0	0	0	1	0	0	0
156	0	0	0	1	0	0	0
157	0	0	0	1	0	0	0
158	0	0	0	1	0	0	0
159	0	0	0	1	0	0	0
160	0	0	0	1	0	0	0
161	0	0	0	1	0	0	0
162	0	1	0	1	0	1	0
163	0	0	0	1	0	0	0
164	0	1	0	1	0	0	0
165	0	1	0	1	0	0	1
166	0	1	0	1	0	0	1
167	0	1	0	1	0	0	0
168	0	1	0	1	0	0	1
169	0	0	0	1	0	0	0
170	0	0	0	1	0	0	0
171	0	0	0	1	0	0	0
172	0	1	0	1	0	0	1
173	0	1	0	1	0	1	0
174	0	0	0	1	0	0	0
175	0	0	0	1	0	0	0
176	0	1	0	1	0	0	1
177	0	1	0	1	0	1	0
178	0	0	0	1	0	0	0
179	0	0	0	1	0	0	0
180	0	1	0	1	0	0	1
181	0	0	0	1	0	0	0
182	0	0	0	1	0	0	0
183	0	0	1	0	1	1	0
184	0	0	0	1	0	0	0
185	0	0	0	1	0	0	0
186	0	1	0	1	0	0	1
187	0	1	0	1	0	1	0
188	0	0	0	1	0	0	0
189	0	1	0	1	0	0	1
190	0	0	1	0	1	1	0
191	0	0	0	1	0	0	0
192	0	0	0	1	0	0	0
193	0	0	0	1	0	0	0
194	0	0	0	1	0	0	0
195	0	0	0	1	0	0	0
196	0	0	1	0	1	0	1
197	0	1	0	1	0	1	0
198	0	0	0	1	0	0	0
199	0	0	1	0	1	1	0
200	0	0	0	1	0	0	0
201	0	0	0	1	0	0	0
202	0	0	0	1	0	0	0
203	0	0	0	1	0	0	0
204	0	0	0	1	0	0	0
205	0	0	0	1	0	0	0
206	0	0	1	0	1	1	0
207	0	0	0	1	0	0	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
208	0	0	0	1	0	0	0
209	0	0	0	1	0	0	0
210	0	0	0	1	0	0	0
211	0	0	0	1	0	0	0
212	0	0	0	1	0	0	0
213	0	0	0	1	0	0	0
214	0	0	0	1	0	0	0
215	0	1	0	1	0	0	1
216	0	0	1	0	1	1	0
217	0	0	0	1	0	0	0
218	0	0	0	1	0	0	0
219	0	0	0	1	0	0	0
220	0	0	0	1	0	0	0
221	0	1	0	1	0	0	1
222	0	1	0	1	0	0	1
223	0	0	0	1	0	0	0
224	0	0	0	1	0	0	0
225	0	1	0	1	0	0	1
226	0	0	1	0	1	0	1
227	0	0	0	1	0	0	0
228	0	0	0	1	0	0	0
229	0	1	0	1	0	1	0
230	0	0	0	1	0	0	0
231	0	1	0	1	0	1	0
232	0	0	0	1	0	0	0
233	0	0	0	1	0	0	0
234	0	0	0	1	0	0	0
235	0	0	0	1	0	0	0
236	0	0	1	0	1	1	0
237	0	0	1	0	1	0	1
238	0	0	1	0	1	1	0
239	0	0	0	1	0	0	0
240	0	1	0	1	0	1	0
241	0	0	0	1	0	0	0
242	0	0	0	1	0	0	0
243	0	0	1	0	1	0	1
244	0	0	1	0	1	0	1
245	0	0	0	1	0	0	0
246	0	0	1	0	1	1	0
247	0	0	0	1	0	0	0
248	0	0	0	1	0	0	0
249	0	1	0	1	0	0	1
250	0	0	1	0	1	1	0
251	0	0	0	1	0	0	0
252	0	0	0	1	0	0	0
253	0	0	0	1	0	0	0
254	0	1	0	1	0	0	1
255	0	0	0	1	0	0	0
256	0	0	1	0	1	0	1
257	0	0	0	1	0	0	0
258	0	1	0	1	0	0	1
259	0	1	0	1	0	1	0
260	0	0	0	1	0	0	0
261	0	0	0	1	0	0	0
262	0	1	0	1	0	0	0
263	0	0	0	1	0	0	0
264	0	0	0	1	0	0	0
265	0	1	0	1	0	1	0
266	0	0	0	1	0	0	0
267	0	0	0	1	0	0	0
268	0	1	0	1	0	0	1
269	0	1	0	1	0	0	1
270	0	0	0	1	0	0	0
271	0	0	0	1	0	0	0
272	0	1	0	1	0	0	0
273	0	0	0	1	0	0	0
274	0	0	0	1	0	0	0
275	0	0	0	1	0	0	0
276	0	0	0	1	0	0	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
277	0	0	0	1	0	0	0
278	0	0	0	1	0	0	0
279	0	0	0	1	0	0	0
280	0	0	0	1	0	0	0
281	0	1	0	1	0	0	1
282	0	0	0	1	0	0	0
283	0	0	0	1	0	0	0
284	0	1	0	1	0	1	0
285	0	0	0	1	0	0	0
286	0	0	0	1	0	0	0
287	0	0	0	1	0	0	0
288	0	0	0	1	0	0	0
289	0	0	0	1	0	0	0
290	0	0	0	1	0	0	0
291	0	0	0	1	0	0	0
292	0	0	1	0	1	1	0
293	0	0	0	1	0	0	0
294	0	0	0	1	0	0	0
295	0	0	1	0	1	0	1
296	0	0	0	1	0	0	0
297	0	1	0	1	0	0	1
298	0	0	0	1	0	0	0
299	0	1	0	1	0	0	1
300	0	0	0	1	0	0	0
301	0	1	0	1	0	1	0
302	0	0	0	1	0	0	0
303	0	1	0	1	0	1	0
304	0	0	0	1	0	0	0
305	0	0	0	1	0	0	0
306	0	0	1	0	1	0	1
307	0	0	0	1	0	0	0
308	0	0	0	1	0	0	0
309	0	1	0	1	0	0	1
310	0	0	1	0	1	1	0
311	0	0	0	1	0	0	0
312	0	0	0	1	0	0	0
313	0	0	1	0	1	1	0
314	0	0	0	1	0	0	0
315	0	0	0	1	0	0	0
316	0	1	0	1	0	1	0
317	0	0	0	1	0	0	0
318	0	0	0	1	0	0	0
319	0	0	0	1	0	0	0
320	0	0	0	1	0	0	0
321	0	0	0	1	0	0	0
322	0	0	0	1	0	0	0
323	0	0	0	1	0	0	0
324	0	0	0	1	0	0	0
325	0	0	0	1	0	0	0
326	0	0	0	1	0	0	0
327	0	0	0	1	0	0	0
328	0	0	0	1	0	0	0
329	0	0	0	1	0	0	0
330	0	0	0	1	0	0	0
331	0	0	0	1	0	0	0
332	0	0	0	1	0	0	0
333	0	0	0	1	0	0	0
334	0	0	0	1	0	0	0
335	0	0	0	1	0	0	0
336	0	0	0	1	0	0	0
337	0	0	0	1	0	0	0
338	0	0	0	1	0	0	0
339	0	0	0	1	0	0	0
340	0	0	0	1	0	0	0
341	0	0	1	0	1	0	1
342	0	0	1	0	1	1	0
343	0	0	0	1	0	0	0
344	0	0	0	1	0	0	0
345	0	1	0	1	0	1	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
346	0	0	0	1	0	0	0
347	0	0	0	1	0	0	0
348	0	0	0	1	0	0	0
349	0	1	0	1	0	0	1
350	0	1	0	1	0	1	0
351	0	0	0	1	0	0	0
352	0	1	0	1	0	0	1
353	0	0	0	1	0	0	0
354	0	0	0	1	0	0	0
355	0	0	0	1	0	0	0
356	0	0	0	1	0	0	0
357	0	0	0	1	0	0	0
358	0	1	0	1	0	0	1
359	0	0	0	1	0	0	0
360	0	0	0	1	0	0	0
361	0	0	0	1	0	0	0
362	0	0	0	1	0	0	0
363	0	0	0	1	0	0	0
364	0	0	0	1	0	0	0
365	0	0	0	1	0	0	0
366	0	0	0	1	0	0	0
367	0	0	0	1	0	0	0
368	0	0	0	1	0	0	0
369	0	0	0	1	0	0	0
370	0	0	0	1	0	0	0
371	0	0	0	1	0	0	0
372	0	0	0	1	0	0	0
373	0	0	0	1	0	0	0
374	0	1	0	1	0	0	1
375	0	1	0	1	0	0	1
376	0	1	0	1	0	0	1
377	0	0	0	1	0	0	0
378	0	1	0	1	0	0	0
379	0	0	0	1	0	0	0
380	0	0	1	0	1	1	0
381	0	0	0	1	0	0	0
382	0	0	0	1	0	0	0
383	0	1	0	1	0	0	0
384	0	1	0	1	0	0	0
385	0	1	0	1	0	1	0
386	0	0	0	1	0	0	0
387	0	0	0	1	0	0	0
388	0	0	0	1	0	0	0
389	0	1	0	1	0	0	1
390	0	1	0	1	0	1	0
391	0	0	0	1	0	0	0
392	0	0	0	1	0	0	0
393	0	1	0	1	0	0	1
394	0	0	0	1	0	0	0
395	0	0	0	1	0	0	0
396	1	0	0	0	1	0	0
397	0	0	0	1	0	0	0
398	1	0	0	0	1	0	0
399	0	0	0	1	0	0	0
400	0	0	0	1	0	0	0
401	0	0	0	1	0	0	0
402	0	0	0	1	0	0	0
403	0	0	1	0	1	1	0
404	0	0	0	1	0	0	0
405	0	0	1	0	1	0	1
406	0	0	0	1	0	0	0
407	0	1	0	1	0	1	0
408	0	0	0	1	0	0	0
409	0	0	0	1	0	0	0
410	0	0	0	1	0	0	0
411	0	0	0	1	0	0	0
412	0	1	0	1	0	0	1
413	0	0	0	1	0	0	0
414	0	0	1	0	1	1	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
415	0	1	0	1	0	0	1
416	0	0	0	1	0	0	0
417	0	0	1	0	1	0	1
418	0	1	0	1	0	0	1
419	0	0	0	1	0	0	0
420	0	0	1	0	1	1	0
421	0	1	0	1	0	0	1
422	0	0	0	1	0	0	0
423	0	0	1	0	1	0	1
424	0	1	0	1	0	0	1
425	0	0	1	0	1	1	0
426	0	0	0	1	0	0	0
427	0	0	1	0	1	0	1
428	0	0	0	1	0	0	0
429	0	0	0	1	0	0	0
430	0	1	0	1	0	0	1
431	0	0	1	0	1	1	0
432	0	0	1	0	1	1	0
433	0	0	0	1	0	0	0
434	0	0	0	1	0	0	0
435	0	1	0	1	0	1	0
436	0	0	0	1	0	0	0
437	0	1	0	1	0	0	1
438	0	1	0	1	0	1	0
439	0	0	0	1	0	0	0
440	0	0	0	1	0	0	0
441	0	1	0	1	0	0	1
442	0	0	0	1	0	0	0
443	0	1	0	1	0	0	1
444	0	0	0	1	0	0	0
445	0	1	0	1	0	0	1
446	0	1	0	1	0	1	0
447	0	0	0	1	0	0	0
448	0	0	0	1	0	0	0
449	0	0	1	0	1	0	1
450	0	0	1	0	1	1	0
451	0	0	1	0	1	0	1
452	0	1	0	1	0	1	0
453	0	0	0	1	0	0	0
454	0	0	0	1	0	0	0
455	0	0	0	1	0	0	0
456	0	0	0	1	0	0	0
457	0	0	0	1	0	0	0
458	0	0	0	1	0	0	0
459	0	0	1	0	1	1	0
460	0	0	1	0	1	1	0
461	0	0	1	0	1	1	0
462	0	0	1	0	1	1	0
463	0	0	0	1	0	0	0
464	0	1	0	1	0	1	0
465	0	0	0	1	0	0	0
466	0	1	0	1	0	0	1
467	0	1	0	1	0	0	1
468	0	0	0	1	0	0	0
469	0	0	0	1	0	0	0
470	0	1	0	1	0	0	1
471	0	1	0	1	0	1	0
472	0	0	0	1	0	0	0
473	0	0	0	1	0	0	0
474	0	1	0	1	0	0	1
475	0	1	0	1	0	1	0
476	0	0	0	1	0	0	0
477	0	1	0	1	0	0	1
478	0	0	0	1	0	0	0
479	0	0	1	0	1	1	0
480	0	0	0	1	0	0	0
481	0	0	0	1	0	0	0
482	0	1	0	1	0	1	0
483	0	0	0	1	0	0	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
484	0	0	0	1	0	0	0
485	0	1	0	1	0	0	1
486	0	0	1	0	1	0	1
487	0	0	0	1	0	0	0
488	0	0	0	1	0	0	0
489	1	0	0	0	1	0	0
490	0	1	0	1	0	0	1
491	0	0	1	0	1	1	0
492	0	0	0	1	0	0	0
493	0	0	1	0	1	1	0
494	0	0	0	1	0	0	0
495	0	0	0	1	0	0	0
496	0	0	0	1	0	0	0
497	0	1	0	1	0	0	1
498	0	0	0	1	0	0	0
499	0	0	0	1	0	0	0
500	0	1	0	1	0	0	1
501	0	1	0	1	0	0	1
502	0	0	0	1	0	0	0
503	0	1	0	1	0	0	1
504	0	0	1	0	1	1	0
505	0	0	0	1	0	0	0
506	1	0	0	0	1	0	0
507	0	0	1	0	1	1	0
508	0	1	0	1	0	1	0
509	0	0	0	1	0	0	0
510	0	0	0	1	0	0	0
511	0	0	1	0	1	0	1
512	0	0	1	0	1	1	0
513	0	1	0	1	0	0	1
514	0	1	0	1	0	1	0
515	0	0	0	1	0	0	0
516	0	0	0	1	0	0	0
517	0	1	0	1	0	0	1
518	0	0	0	1	0	0	0
519	0	0	0	1	0	0	0
520	0	0	0	1	0	0	0
521	0	1	0	1	0	1	0
522	0	0	0	1	0	0	0
523	0	0	0	1	0	0	0
524	0	1	0	1	0	0	0
525	0	1	0	1	0	1	0
526	0	0	0	1	0	0	0
527	0	0	0	1	0	0	0
528	0	0	0	1	0	0	0
529	0	1	0	1	0	0	0
530	0	0	0	1	0	0	0
531	0	0	1	0	1	1	0
532	0	0	0	1	0	0	0
533	0	1	0	1	0	0	1
534	0	0	0	1	0	0	0
535	0	0	1	0	1	1	0
536	0	0	0	1	0	0	0
537	0	0	0	1	0	0	0
538	0	1	0	1	0	0	1
539	0	1	0	1	0	0	1
540	0	1	0	1	0	1	0
541	0	0	0	1	0	0	0
542	0	0	0	1	0	0	0
543	0	1	0	1	0	0	1
544	0	0	1	0	1	1	0
545	0	0	1	0	1	1	0
546	0	0	0	1	0	0	0
547	0	0	0	1	0	0	0
548	0	0	1	0	1	1	0
549	0	0	0	1	0	0	0
550	0	0	0	1	0	0	0
551	1	0	0	0	1	0	0
552	0	0	0	1	0	0	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
553	1	0	0	0	1	0	0
554	0	0	1	0	1	0	1
555	0	0	0	1	0	0	0
556	0	0	0	1	0	0	0
557	0	0	1	0	1	1	0
558	0	0	0	1	0	0	0
559	0	1	0	1	0	0	1
560	0	1	0	1	0	1	0
561	0	0	0	1	0	0	0
562	0	0	0	1	0	0	0
563	0	0	0	1	0	0	0
564	0	0	0	1	0	0	0
565	0	0	1	0	1	0	1
566	0	0	0	1	0	0	0
567	0	0	0	1	0	0	0
568	0	0	0	1	0	0	0
569	0	0	0	1	0	0	0
570	0	0	0	1	0	0	0
571	0	1	0	1	0	0	1
572	0	0	0	1	0	0	0
573	0	1	0	1	0	1	0
574	0	0	0	1	0	0	0
575	0	0	0	1	0	0	0
576	0	1	0	1	0	0	1
577	0	1	0	1	0	1	0
578	0	0	1	0	1	0	1
579	0	0	0	1	0	0	0
580	0	0	0	1	0	0	0
581	0	1	0	1	0	1	0
582	0	1	0	1	0	1	0
583	0	1	0	1	0	1	0
584	0	0	0	1	0	0	0
585	0	1	0	1	0	0	1
586	0	0	0	1	0	0	0
587	0	0	1	0	1	1	0
588	0	1	0	1	0	0	1
589	0	1	0	1	0	0	1
590	0	1	0	1	0	0	1
591	0	0	0	1	0	0	0
592	0	0	0	1	0	0	0
593	0	0	0	1	0	0	0
594	0	1	0	1	0	1	0
595	0	0	0	1	0	0	0
596	0	0	0	1	0	0	0
597	0	0	0	1	0	0	0
598	0	1	0	1	0	0	1
599	0	1	0	1	0	0	1
600	0	0	0	1	0	0	0
601	0	1	0	1	0	0	1
602	0	1	0	1	0	1	0
603	0	0	0	1	0	0	0
604	0	0	1	0	1	1	0
605	0	0	0	1	0	0	0
606	0	1	0	1	0	1	0
607	0	0	0	1	0	0	0
608	0	0	1	0	1	0	1
609	0	0	0	1	0	0	0
610	0	0	0	1	0	0	0
611	0	0	0	1	0	0	0
612	1	0	0	0	1	0	0
613	0	0	1	0	1	1	0
614	0	0	1	0	1	1	0
615	0	0	1	0	1	1	0
616	0	0	1	0	1	1	0
617	0	0	0	1	0	0	0
618	0	0	1	0	1	0	1
619	0	1	0	1	0	1	0
620	0	0	0	1	0	0	0
621	0	1	0	1	0	0	1

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
622	0	1	0	1	0	1	0
623	0	0	0	1	0	0	0
624	0	0	0	1	0	0	0
625	0	0	0	1	0	0	0
626	0	1	0	1	0	1	0
627	0	0	0	1	0	0	0
628	0	0	0	1	0	0	0
629	0	1	0	1	0	0	1
630	0	0	0	1	0	0	0
631	0	0	0	1	0	0	0
632	0	0	0	1	0	0	0
633	0	1	0	1	0	0	1
634	0	0	0	1	0	0	0
635	0	1	0	1	0	0	1
636	0	1	0	1	0	0	1
637	0	0	0	1	0	0	0
638	0	0	1	0	1	0	1
639	0	0	1	0	1	1	0
640	0	0	0	1	0	0	0
641	0	0	0	1	0	0	0
642	0	0	0	1	0	0	0
643	0	0	1	0	1	0	1
644	0	0	0	1	0	0	0
645	0	1	0	1	0	1	0
646	0	0	0	1	0	0	0
647	0	1	0	1	0	0	1
648	0	1	0	1	0	0	1
649	0	0	0	1	0	0	0
650	0	0	0	1	0	0	0
651	0	1	0	1	0	0	0
652	0	1	0	1	0	1	0
653	0	1	0	1	0	0	0
654	0	1	0	1	0	0	1
655	0	1	0	1	0	1	0
656	0	0	0	1	0	0	0
657	0	1	0	1	0	1	0
658	0	0	0	1	0	0	0
659	0	0	0	1	0	0	0
660	0	0	0	1	0	0	0
661	0	0	1	0	1	1	0
662	1	0	0	0	1	0	0
663	0	0	1	0	1	0	1
664	0	0	0	1	0	0	0
665	0	0	0	1	0	0	0
666	0	0	0	1	0	0	0
667	0	0	0	1	0	0	0
668	0	0	0	1	0	0	0
669	0	0	0	1	0	0	0
670	0	0	0	1	0	0	0
671	0	1	0	1	0	0	1
672	0	1	0	1	0	0	1
673	0	0	0	1	0	0	0
674	0	1	0	1	0	0	1
675	0	0	1	0	1	1	0
676	0	1	0	1	0	1	0
677	0	0	1	0	1	0	1
678	0	0	0	1	0	0	0
679	0	0	1	0	1	0	0
680	0	0	0	1	0	0	0
681	0	1	0	1	0	1	0
682	0	1	0	1	0	0	1
683	0	0	1	0	1	0	1
684	0	1	0	1	0	1	0
685	0	0	0	1	0	0	0
686	0	0	0	1	0	0	0
687	0	0	1	0	1	1	0
688	0	1	0	1	0	1	0
689	0	0	0	1	0	0	0
690	0	0	0	1	0	0	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
691	0	0	0	1	0	0	0
692	1	0	0	0	1	0	0
693	0	0	0	1	0	0	0
694	0	0	1	0	1	1	0
695	0	0	1	0	1	1	0
696	0	0	1	0	1	1	0
697	0	0	1	0	1	0	1
698	0	1	0	1	0	1	0
699	0	0	0	1	0	0	0
700	0	1	0	1	0	0	1
701	0	1	0	1	0	1	0
702	0	0	0	1	0	0	0
703	0	0	0	1	0	0	0
704	0	1	0	1	0	1	0
705	0	0	0	1	0	0	0
706	0	0	0	1	0	0	0
707	0	1	0	1	0	1	0
708	0	0	0	1	0	0	0
709	0	0	0	1	0	0	0
710	0	1	0	1	0	0	1
711	0	0	0	1	0	0	0
712	0	1	0	1	0	0	1
713	0	0	1	0	1	0	1
714	0	0	1	0	1	1	0
715	0	0	0	1	0	0	0
716	0	1	0	1	0	1	0
717	0	0	0	1	0	0	0
718	0	0	1	0	1	0	1
719	0	0	0	1	0	0	0
720	0	1	0	1	0	1	0
721	0	1	0	1	0	0	1
722	0	1	0	1	0	0	1
723	0	0	0	1	0	0	0
724	0	1	0	1	0	0	0
725	0	1	0	1	0	1	0
726	0	1	0	1	0	0	0
727	0	1	0	1	0	0	1
728	0	1	0	1	0	1	0
729	0	1	0	1	0	0	1
730	0	1	0	1	0	1	0
731	0	0	0	1	0	0	0
732	0	0	0	1	0	0	0
733	0	0	0	1	0	0	0
734	0	1	0	1	0	1	0
735	1	0	0	0	1	0	0
736	0	0	1	0	1	0	1
737	0	0	0	1	0	0	0
738	0	0	0	1	0	0	0
739	0	1	0	1	0	1	0
740	0	0	0	1	0	0	0
741	1	0	0	0	1	0	0
742	0	0	0	1	0	0	0
743	0	0	0	1	0	0	0
744	0	0	1	0	1	0	1
745	0	0	0	1	0	0	0
746	0	1	0	1	0	0	1
747	0	0	0	1	0	0	0
748	0	1	0	1	0	0	1
749	0	1	0	1	0	1	0
750	0	1	0	1	0	1	0
751	0	1	0	1	0	0	1
752	0	1	0	1	0	1	0
753	0	0	0	1	0	0	0
754	0	0	0	1	0	0	0
755	0	1	0	1	0	1	0
756	0	0	0	1	0	0	0
757	0	1	0	1	0	0	1
758	0	1	0	1	0	1	0
759	0	0	0	1	0	0	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
760	0	0	0	1	0	0	0
761	0	0	0	1	0	0	0
762	0	0	0	1	0	0	0
763	0	1	0	1	0	0	1
764	0	0	0	1	0	0	0
765	0	1	0	1	0	0	1
766	0	0	0	1	0	0	0
767	0	0	1	0	1	0	1
768	0	0	1	0	1	0	1
769	0	0	1	0	1	0	1
770	0	0	0	1	0	0	0
771	0	0	1	0	1	1	0
772	0	0	0	1	0	0	0
773	0	0	1	0	1	0	1
774	0	0	0	1	0	0	0
775	0	1	0	1	0	1	0
776	0	1	0	1	0	0	1
777	0	0	0	1	0	0	0
778	0	1	0	1	0	0	0
779	0	1	0	1	0	1	0
780	0	1	0	1	0	0	0
781	0	0	1	0	1	1	0
782	0	1	0	1	0	1	0
783	0	0	0	1	0	0	0
784	0	0	0	1	0	0	0
785	0	0	0	1	0	0	0
786	0	0	1	0	1	1	0
787	1	0	0	0	1	0	0
788	0	0	1	0	1	0	1
789	0	0	0	1	0	0	0
790	0	0	0	1	0	0	0
791	0	0	1	0	1	0	1
792	0	1	0	1	0	0	1
793	0	0	0	1	0	0	0
794	0	1	0	1	0	0	1
795	0	1	0	1	0	1	0
796	0	0	1	0	1	0	1
797	0	1	0	1	0	1	0
798	0	1	0	1	0	1	0
799	0	0	1	0	1	1	0
800	0	0	0	1	0	0	0
801	0	1	0	1	0	1	0
802	0	0	0	1	0	0	0
803	0	1	0	1	0	0	1
804	0	1	0	1	0	1	0
805	0	0	0	1	0	0	0
806	0	0	0	1	0	0	0
807	0	0	0	1	0	0	0
808	0	1	0	1	0	0	1
809	0	0	0	1	0	0	0
810	0	1	0	1	0	0	1
811	0	0	0	1	0	0	0
812	0	1	0	1	0	0	1
813	0	0	1	0	1	0	1
814	0	0	1	0	1	1	0
815	0	0	0	1	0	0	0
816	0	0	0	1	0	0	0
817	0	1	0	1	0	1	0
818	0	0	1	0	1	0	1
819	0	0	0	1	0	0	0
820	0	1	0	1	0	0	0
821	0	1	0	1	0	1	0
822	0	1	0	1	0	0	0
823	0	0	1	0	1	0	1
824	0	1	0	1	0	1	0
825	0	0	0	1	0	0	0
826	0	0	0	1	0	0	0
827	0	0	0	1	0	0	0
828	0	0	1	0	1	1	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
829	0	0	1	0	1	0	1
830	1	0	0	0	1	0	0
831	0	0	0	1	0	0	0
832	0	0	1	0	1	1	0
833	0	0	0	1	0	0	0
834	0	0	0	1	0	0	0
835	0	1	0	1	0	0	1
836	0	1	0	1	0	1	0
837	0	1	0	1	0	0	1
838	0	1	0	1	0	1	0
839	0	1	0	1	0	1	0
840	0	0	1	0	1	1	0
841	0	0	0	1	0	0	0
842	0	0	0	1	0	0	0
843	0	1	0	1	0	1	0
844	0	0	0	1	0	0	0
845	0	0	0	1	0	0	0
846	0	1	0	1	0	1	0
847	0	0	0	1	0	0	0
848	0	1	0	1	0	0	1
849	0	0	0	1	0	0	0
850	0	1	0	1	0	0	1
851	0	0	0	1	0	0	0
852	0	1	0	1	0	0	1
853	0	0	1	0	1	0	1
854	0	0	0	1	0	0	0
855	0	0	0	1	0	0	0
856	0	0	1	0	1	1	0
857	0	0	1	0	1	0	1
858	0	0	0	1	0	0	0
859	0	1	0	1	0	0	0
860	0	1	0	1	0	1	0
861	0	1	0	1	0	0	0
862	0	0	0	1	0	0	0
863	0	0	0	1	0	0	0
864	0	0	1	0	1	0	1
865	0	0	0	1	0	0	0
866	0	1	0	1	0	1	0
867	0	0	0	1	0	0	0
868	0	0	0	1	0	0	0
869	0	1	0	1	0	0	1
870	0	0	1	0	1	1	0
871	0	0	1	0	1	1	0
872	0	1	0	1	0	1	0
873	0	0	0	1	0	0	0
874	0	0	0	1	0	0	0
875	0	1	0	1	0	0	1
876	0	0	0	1	0	0	0
877	0	1	0	1	0	0	1
878	0	0	0	1	0	0	0
879	0	1	0	1	0	0	1
880	0	0	1	0	1	0	1
881	0	0	0	1	0	0	0
882	0	0	0	1	0	0	0
883	0	1	0	1	0	0	0
884	0	1	0	1	0	0	0
885	0	0	0	1	0	0	0
886	0	0	0	1	0	0	0
887	0	1	0	1	0	1	0
888	0	0	0	1	0	0	0
889	0	0	0	1	0	0	0
890	0	1	0	1	0	0	1
891	0	1	0	1	0	1	0
892	0	0	1	0	1	1	0
893	0	1	0	1	0	1	0
894	0	0	0	1	0	0	0
895	0	1	0	1	0	1	0
896	0	1	0	1	0	1	0
897	0	0	0	1	0	0	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
898	0	1	0	1	0	0	1
899	0	0	0	1	0	0	0
900	0	1	0	1	0	0	1
901	0	0	0	1	0	0	0
902	0	0	1	0	1	0	1
903	0	1	0	1	0	0	0
904	0	0	0	1	0	0	0
905	0	0	0	1	0	0	0
906	0	0	0	1	0	0	0
907	0	1	0	1	0	0	1
908	0	0	0	1	0	0	0
909	0	1	0	1	0	0	1
910	0	0	1	0	1	1	0
911	0	1	0	1	0	1	0
912	0	1	0	1	0	1	0
913	0	1	0	1	0	0	1
914	0	0	0	1	0	0	0
915	0	1	0	1	0	0	1
916	0	1	0	1	0	0	1
917	0	0	0	1	0	0	0
918	0	0	1	0	1	0	1
919	0	1	0	1	0	0	0
920	1	0	0	0	1	0	0
921	0	0	0	1	0	0	0
922	0	1	0	1	0	0	1
923	0	0	0	1	0	0	0
924	0	1	0	1	0	0	1
925	0	0	1	0	1	1	0
926	0	0	1	0	1	1	0
927	0	1	0	1	0	1	0
928	0	1	0	1	0	1	0
929	0	1	0	1	0	0	1
930	0	0	0	1	0	0	0
931	0	1	0	1	0	0	1
932	0	0	0	1	0	0	0
933	0	1	0	1	0	0	1
934	0	0	0	1	0	0	0
935	0	0	1	0	1	0	1
936	0	1	0	1	0	0	0
937	1	0	0	0	1	0	0
938	0	0	1	0	1	1	0
939	0	0	0	1	0	0	0
940	0	1	0	1	0	0	1
941	0	1	0	1	0	1	0
942	0	1	0	1	0	1	0
943	0	1	0	1	0	0	1
944	0	0	0	1	0	0	0
945	0	0	0	1	0	0	0
946	0	1	0	1	0	0	1
947	0	0	0	1	0	0	0
948	0	0	1	0	1	0	1
949	0	1	0	1	0	0	0
950	1	0	0	0	1	0	0
951	0	1	0	1	0	0	1
952	0	1	0	1	0	1	0
953	0	1	0	1	0	1	0
954	0	0	0	1	0	0	0
955	0	0	0	1	0	0	0
956	0	1	0	1	0	0	1
957	0	1	0	1	0	0	0
958	0	1	0	1	0	0	1
959	0	1	0	1	0	1	0
960	0	1	0	1	0	1	0
961	0	0	0	1	0	0	0
962	0	0	0	1	0	0	0
963	0	1	0	1	0	0	1
964	0	1	0	1	0	0	0
965	0	1	0	1	0	0	1
966	0	1	0	1	0	1	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
967	0	1	0	1	0	1	0
968	0	0	0	1	0	0	0
969	0	0	0	1	0	0	0
970	0	1	0	1	0	0	1
971	0	1	0	1	0	0	0
972	0	1	0	1	0	0	1
973	0	1	0	1	0	1	0
974	0	1	0	1	0	1	0
975	0	0	0	1	0	0	0
976	0	1	0	1	0	0	1
977	0	1	0	1	0	0	0
978	0	1	0	1	0	0	1
979	0	1	0	1	0	1	0
980	0	1	0	1	0	1	0
981	0	0	0	1	0	0	0
982	0	1	0	1	0	0	1
983	0	1	0	1	0	1	0
984	0	1	0	1	0	1	0
985	0	0	0	1	0	0	0
986	0	0	0	1	0	0	0
987	0	1	0	1	0	0	1
988	0	1	0	1	0	0	0
989	0	1	0	1	0	0	1
990	0	1	0	1	0	1	0
991	0	0	1	0	1	1	0
992	0	0	0	1	0	0	0
993	0	1	0	1	0	0	1
994	0	1	0	1	0	0	0
995	0	1	0	1	0	0	1
996	0	1	0	1	0	1	0
997	0	1	0	1	0	1	0
998	0	1	0	1	0	0	1
999	0	1	0	1	0	0	1
1000	0	1	0	1	0	1	0
1001	0	1	0	1	0	1	0
1002	0	0	0	1	0	0	0
1003	0	1	0	1	0	0	1
1004	0	1	0	1	0	0	1
1005	0	1	0	1	0	1	0
1006	0	1	0	1	0	1	0
1007	0	0	0	1	0	0	0
1008	0	0	0	1	0	0	0
1009	0	1	0	1	0	0	1
1010	0	1	0	1	0	0	1
1011	0	1	0	1	0	1	0
1012	0	0	1	0	1	1	0
1013	0	0	0	1	0	0	0
1014	0	0	0	1	0	0	0
1015	0	1	0	1	0	0	1
1016	0	1	0	1	0	0	1
1017	0	0	0	1	0	0	0
1018	0	0	0	1	0	0	0
1019	0	1	0	1	0	0	1
1020	0	0	0	1	0	0	0
1021	0	1	0	1	0	0	1
1022	0	0	1	0	1	0	1
1023	0	0	0	1	0	0	0
1024	0	0	0	1	0	0	0
1025	0	0	1	0	1	0	1
1026	0	0	0	1	0	0	0
1027	0	0	0	1	0	0	0
1028	0	1	0	1	0	0	1
1029	0	0	0	1	0	0	0
1030	0	0	0	1	0	0	0
1031	0	0	1	0	1	0	1
1032	0	0	0	1	0	0	0
1033	0	0	0	1	0	0	0
1034	0	1	0	1	0	0	1
1035	0	0	0	1	0	0	0

	Pln RV Start	Act RA Start	Pln RA Start	Act Start	Pln Start	Fund RA Lead	PRP RA Lead
1036	0	0	0	1	0	0	0
1037	0	0	0	1	0	0	0
1038	0	0	0	1	0	0	0
1039	0	0	0	1	0	0	0
1040	0	0	0	1	0	0	0
1041	0	0	0	1	0	0	0
1042	0	0	0	1	0	0	0
1043	0	0	0	1	0	0	0
1044	0	0	0	1	0	0	0
1045	0	0	0	1	0	0	0
1046	0	0	0	1	0	0	0
1047	0	0	0	1	0	0	0
1048	0	0	0	1	0	0	0
1049	0	0	0	1	0	0	0
1050	0	0	0	1	0	0	0
1051	0	0	0	1	0	0	0
1052	0	0	0	1	0	0	0
1053	0	0	0	1	0	0	0
1054	0	0	0	1	0	0	0
1055	0	0	0	1	0	0	0
1056	0	0	0	1	0	0	0
1057	0	0	0	1	0	0	0
1058	0	0	0	1	0	0	0
1059	0	0	0	1	0	0	0
1060	0	0	0	1	0	0	0
1061	0	0	0	1	0	0	0
1062	0	0	0	1	0	0	0
1063	0	0	0	1	0	0	0
1064	0	0	0	1	0	0	0
1065	0	0	0	1	0	0	0
1066	0	0	0	1	0	0	0
1067	0	0	0	1	0	0	0
1068	0	0	0	1	0	0	0
1069	0	0	0	1	0	0	0
1070	0	0	0	1	0	0	0
1071	0	0	0	1	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12	0	0	0	1	0	0
13	0	0	0	0	0	0
14	0	0	1	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	1	0	0	0
18	0	0	0	0	0	0
19	0	0	1	0	0	0
20	0	0	0	0	0	0
21	0	0	0	1	0	0
22	0	0	0	0	0	0
23	0	0	1	0	0	0
24	0	0	0	0	0	0
25	0	0	1	0	0	0
26	0	0	0	0	0	0
27	0	0	1	0	0	0
28	0	0	0	0	0	1
29	1	0	0	0	0	0
30	0	0	0	1	0	0
31	0	0	1	0	0	0
32	0	0	0	1	0	0
33	0	0	0	0	0	0
34	0	0	0	0	0	0
35	0	0	1	0	0	0
36	0	0	1	0	0	0
37	0	0	0	1	0	0
38	0	0	0	0	0	0
39	0	0	0	1	0	0
40	0	0	0	0	0	0
41	0	0	1	0	0	0
42	0	0	0	1	0	0
43	0	0	0	0	0	0
44	0	0	0	1	0	0
45	0	0	0	0	0	0
46	0	0	1	0	0	0
47	0	0	1	0	0	0
48	0	0	0	0	0	0
49	0	0	1	0	0	0
50	0	0	1	0	0	0
51	0	0	0	0	0	0
52	0	0	1	0	0	0
53	0	0	0	1	0	0
54	0	0	0	0	0	0
55	0	0	1	0	0	0
56	0	0	1	0	0	0
57	0	0	0	1	0	0
58	0	0	0	0	0	0
59	0	0	0	1	0	0
60	0	0	0	0	0	0
61	0	0	1	0	0	0
62	0	0	0	0	0	0
63	0	0	1	0	0	0
64	0	0	0	1	0	0
65	0	0	0	0	0	0
66	0	0	1	0	0	0
67	0	0	0	1	0	0
68	0	0	0	0	0	0
69	0	0	0	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
70	0	0	1	0	0	0
71	0	0	1	0	0	0
72	0	0	0	1	0	0
73	0	0	0	1	0	0
74	0	0	1	0	0	0
75	0	0	0	0	0	0
76	0	0	0	0	0	0
77	0	0	1	0	0	0
78	0	0	0	0	0	0
79	0	0	0	0	0	0
80	0	0	1	0	0	0
81	0	0	0	0	0	0
82	0	0	0	0	0	0
83	0	0	1	0	0	0
84	0	0	0	1	0	0
85	0	0	0	0	0	0
86	0	0	1	0	0	0
87	0	0	1	0	0	0
88	0	0	0	1	0	0
89	0	0	0	0	0	0
90	0	0	1	0	0	0
91	0	0	1	0	0	0
92	0	0	0	1	0	0
93	0	0	1	0	0	0
94	0	0	0	0	0	0
95	0	0	1	0	0	0
96	0	0	1	0	0	0
97	0	0	0	0	0	0
98	0	0	0	0	0	0
99	0	0	0	0	0	0
100	0	0	0	0	0	0
101	0	0	1	0	0	0
102	0	0	1	0	0	0
103	0	0	0	1	0	0
104	0	0	1	0	0	0
105	0	0	0	1	0	0
106	0	0	0	0	0	0
107	0	0	1	0	0	0
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	0	0	1	0	0	0
111	0	0	0	0	0	0
112	0	0	1	0	0	0
113	0	0	0	1	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	0	0	1	0	0	0
117	0	0	0	0	0	0
118	0	0	1	0	0	0
119	0	0	1	0	0	0
120	0	0	0	0	0	0
121	0	0	0	0	0	0
122	0	0	1	0	0	0
123	0	0	0	1	0	0
124	0	0	0	1	0	0
125	0	0	1	0	0	0
126	0	0	0	0	0	0
127	0	0	0	0	0	0
128	0	0	0	1	0	0
129	0	0	0	0	0	0
130	0	0	1	0	0	0
131	0	0	0	1	0	0
132	0	0	0	0	0	0
133	0	0	0	1	0	0
134	0	0	0	0	0	0
135	0	0	1	0	0	0
136	0	0	0	1	0	0
137	0	0	0	1	0	0
138	0	0	0	1	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
139	0	0	0	1	0	0
140	0	0	0	0	0	0
141	0	0	0	1	0	0
142	0	0	1	0	0	0
143	0	0	0	0	0	0
144	0	0	1	0	0	0
145	0	0	0	0	0	0
146	0	0	1	0	0	0
147	0	0	0	0	0	0
148	0	0	1	0	0	0
149	0	0	0	1	0	0
150	0	0	1	0	0	0
151	0	0	0	0	0	0
152	0	0	1	0	0	0
153	0	0	1	0	0	0
154	0	0	1	0	0	0
155	0	0	1	0	0	0
156	0	0	1	0	0	0
157	0	0	1	0	0	0
158	0	0	1	0	0	0
159	0	0	1	0	0	0
160	0	0	1	0	0	0
161	0	0	1	0	0	0
162	0	0	0	0	0	0
163	0	0	1	0	0	0
164	0	1	0	0	0	0
165	0	0	0	0	0	0
166	0	0	0	0	0	0
167	0	1	0	0	0	0
168	0	0	0	0	0	0
169	0	0	1	0	0	0
170	0	0	1	0	0	0
171	0	0	0	1	0	0
172	0	0	0	0	0	0
173	0	0	0	0	0	0
174	0	0	1	0	0	0
175	0	0	0	1	0	0
176	0	0	0	0	0	0
177	0	0	0	0	0	0
178	0	0	1	0	0	0
179	0	0	0	1	0	0
180	0	0	0	0	0	0
181	0	0	1	0	0	0
182	0	0	1	0	0	0
183	0	0	0	0	0	0
184	0	0	1	0	0	0
185	0	0	0	1	0	0
186	0	0	0	0	0	0
187	0	0	0	0	0	0
188	0	0	1	0	0	0
189	0	0	0	0	0	0
190	0	0	0	0	0	0
191	0	0	1	0	0	0
192	0	0	0	1	0	0
193	0	0	1	0	0	0
194	0	0	1	0	0	0
195	0	0	1	0	0	0
196	0	0	0	0	0	0
197	0	0	0	0	0	0
198	0	0	1	0	0	0
199	0	0	0	0	0	0
200	0	0	1	0	0	0
201	0	0	0	1	0	0
202	0	0	1	0	0	0
203	0	0	1	0	0	0
204	0	0	1	0	0	0
205	0	0	1	0	0	0
206	0	0	0	0	0	0
207	0	0	1	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
208	0	0	1	0	0	0
209	0	0	1	0	0	0
210	0	0	0	1	0	0
211	0	0	1	0	0	0
212	0	0	0	1	0	0
213	0	0	1	0	0	0
214	0	0	0	1	0	0
215	0	0	0	0	0	0
216	0	0	0	0	0	0
217	0	0	1	0	0	0
218	0	0	0	1	0	0
219	0	0	1	0	0	0
220	0	0	0	1	0	0
221	0	0	0	0	0	0
222	0	0	0	0	0	0
223	0	0	1	0	0	0
224	0	0	0	1	0	0
225	0	0	0	0	0	0
226	0	0	0	0	0	0
227	0	0	1	0	0	0
228	0	0	0	1	0	0
229	0	0	0	0	0	0
230	0	0	0	1	0	0
231	0	0	0	0	0	0
232	0	0	1	0	0	0
233	0	0	0	1	0	0
234	0	0	1	0	0	0
235	0	0	0	1	0	0
236	0	0	0	0	0	0
237	0	0	0	0	0	0
238	0	0	0	0	0	0
239	0	0	1	0	0	0
240	0	0	0	0	0	0
241	0	0	1	0	0	0
242	0	0	0	1	0	0
243	0	0	0	0	0	0
244	0	0	0	0	0	0
245	0	0	1	0	0	0
246	0	0	0	0	0	0
247	0	0	1	0	0	0
248	0	0	0	1	0	0
249	0	0	0	0	0	0
250	0	0	0	0	0	0
251	0	0	1	0	0	0
252	0	0	0	0	0	1
253	0	0	0	1	0	0
254	0	0	0	0	0	0
255	0	0	1	0	0	0
256	0	0	0	0	0	0
257	0	0	0	0	0	0
258	0	0	0	0	0	0
259	0	0	0	0	0	0
260	0	0	1	0	0	0
261	0	0	0	1	0	0
262	1	0	0	0	0	0
263	0	0	0	1	0	0
264	0	0	0	1	0	0
265	0	0	0	0	0	0
266	0	0	1	0	0	0
267	0	0	0	1	0	0
268	0	0	0	0	0	0
269	0	0	0	0	0	0
270	0	0	0	1	0	0
271	0	0	0	1	0	0
272	1	0	0	0	0	0
273	0	0	0	1	0	0
274	0	0	1	0	0	0
275	0	0	0	1	0	0
276	0	0	1	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
277	0	0	0	1	0	0
278	0	0	1	0	0	0
279	0	0	1	0	0	0
280	0	0	0	1	0	0
281	0	0	0	0	0	0
282	0	0	1	0	0	0
283	0	0	0	1	0	0
284	0	0	0	0	0	0
285	0	0	1	0	0	0
286	0	0	1	0	0	0
287	0	0	0	1	0	0
288	0	0	0	1	0	0
289	0	0	0	1	0	0
290	0	0	0	1	0	0
291	0	0	0	1	0	0
292	0	0	0	0	0	0
293	0	0	1	0	0	0
294	0	0	0	1	0	0
295	0	0	0	0	0	0
296	0	0	1	0	0	0
297	0	0	0	0	0	0
298	0	0	0	1	0	0
299	0	0	0	0	0	0
300	0	0	0	0	0	1
301	0	0	0	0	0	0
302	0	0	1	0	0	0
303	0	0	0	0	0	0
304	0	0	1	0	0	0
305	0	0	0	1	0	0
306	0	0	0	0	0	0
307	0	0	1	0	0	0
308	0	0	0	1	0	0
309	0	0	0	0	0	0
310	0	0	0	0	0	0
311	0	0	1	0	0	0
312	0	0	0	1	0	0
313	0	0	0	0	0	0
314	0	0	1	0	0	0
315	0	0	1	0	0	0
316	0	0	0	0	0	0
317	0	0	1	0	0	0
318	0	0	0	0	0	1
319	0	0	1	0	0	0
320	0	0	1	0	0	0
321	0	0	1	0	0	0
322	0	0	1	0	0	0
323	0	0	1	0	0	0
324	0	0	1	0	0	0
325	0	0	0	1	0	0
326	0	0	0	1	0	0
327	0	0	0	1	0	0
328	0	0	1	0	0	0
329	0	0	1	0	0	0
330	0	0	1	0	0	0
331	0	0	1	0	0	0
332	0	0	0	1	0	0
333	0	0	0	1	0	0
334	0	0	1	0	0	0
335	0	0	1	0	0	0
336	0	0	1	0	0	0
337	0	0	0	1	0	0
338	0	0	1	0	0	0
339	0	0	1	0	0	0
340	0	0	0	1	0	0
341	0	0	0	0	0	0
342	0	0	0	0	0	0
343	0	0	1	0	0	0
344	0	0	0	1	0	0
345	0	0	0	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
346	0	0	1	0	0	0
347	0	0	1	0	0	0
348	0	0	0	1	0	0
349	0	0	0	0	0	0
350	0	0	0	0	0	0
351	0	0	1	0	0	0
352	0	0	0	0	0	0
353	0	0	1	0	0	0
354	0	0	0	1	0	0
355	0	0	1	0	0	0
356	0	0	0	0	1	0
357	0	0	0	1	0	0
358	0	0	0	0	0	0
359	0	0	0	1	0	0
360	0	0	1	0	0	0
361	0	0	1	0	0	0
362	0	0	0	1	0	0
363	0	0	0	1	0	0
364	0	0	1	0	0	0
365	0	0	0	1	0	0
366	0	0	0	1	0	0
367	0	0	1	0	0	0
368	0	0	1	0	0	0
369	0	0	1	0	0	0
370	0	0	0	1	0	0
371	0	0	1	0	0	0
372	0	0	1	0	0	0
373	0	0	0	1	0	0
374	0	0	0	0	0	0
375	0	0	0	0	0	0
376	0	0	0	0	0	0
377	0	0	0	0	0	1
378	1	0	0	0	0	0
379	0	0	1	0	0	0
380	0	0	0	0	0	0
381	0	0	1	0	0	0
382	0	0	0	0	1	0
383	0	1	0	0	0	0
384	0	1	0	0	0	0
385	0	0	0	0	0	0
386	0	0	0	1	0	0
387	0	0	1	0	0	0
388	0	0	0	1	0	0
389	0	0	0	0	0	0
390	0	0	0	0	0	0
391	0	0	1	0	0	0
392	0	0	0	1	0	0
393	0	0	0	0	0	0
394	0	0	1	0	0	0
395	0	0	1	0	0	0
396	0	0	0	1	0	0
397	0	0	1	0	0	0
398	0	0	0	1	0	0
399	0	0	1	0	0	0
400	0	0	0	1	0	0
401	0	0	1	0	0	0
402	0	0	1	0	0	0
403	0	0	0	0	0	0
404	0	0	1	0	0	0
405	0	0	0	0	0	0
406	0	0	0	1	0	0
407	0	0	0	0	0	0
408	0	0	0	0	0	1
409	0	0	0	1	0	0
410	0	0	1	0	0	0
411	0	0	0	1	0	0
412	0	0	0	0	0	0
413	0	0	1	0	0	0
414	0	0	0	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
415	0	0	0	0	0	0
416	0	0	1	0	0	0
417	0	0	0	0	0	0
418	0	0	0	0	0	0
419	0	0	1	0	0	0
420	0	0	0	0	0	0
421	0	0	0	0	0	0
422	0	0	0	1	0	0
423	0	0	0	0	0	0
424	0	0	0	0	0	0
425	0	0	0	0	0	0
426	0	0	0	1	0	0
427	0	0	0	0	0	0
428	0	0	0	1	0	0
429	0	0	1	0	0	0
430	0	0	0	0	0	0
431	0	0	0	0	0	0
432	0	0	0	0	0	0
433	0	0	1	0	0	0
434	0	0	1	0	0	0
435	0	0	0	0	0	0
436	0	0	1	0	0	0
437	0	0	0	0	0	0
438	0	0	0	0	0	0
439	0	0	1	0	0	0
440	0	0	0	1	0	0
441	0	0	0	0	0	0
442	0	0	1	0	0	0
443	0	0	0	0	0	0
444	0	0	1	0	0	0
445	0	0	0	0	0	0
446	0	0	0	0	0	0
447	0	0	1	0	0	0
448	0	0	0	1	0	0
449	0	0	0	0	0	0
450	0	0	0	0	0	0
451	0	0	0	0	0	0
452	0	0	0	0	0	0
453	0	0	1	0	0	0
454	0	0	0	1	0	0
455	0	0	0	1	0	0
456	0	0	1	0	0	0
457	0	0	0	1	0	0
458	0	0	0	1	0	0
459	0	0	0	0	0	0
460	0	0	0	0	0	0
461	0	0	0	0	0	0
462	0	0	0	0	0	0
463	0	0	1	0	0	0
464	0	0	0	0	0	0
465	0	0	1	0	0	0
466	0	0	0	0	0	0
467	0	0	0	0	0	0
468	0	0	1	0	0	0
469	0	0	0	1	0	0
470	0	0	0	0	0	0
471	0	0	0	0	0	0
472	0	0	1	0	0	0
473	0	0	0	1	0	0
474	0	0	0	0	0	0
475	0	0	0	0	0	0
476	0	0	1	0	0	0
477	0	0	0	0	0	0
478	0	0	1	0	0	0
479	0	0	0	0	0	0
480	0	0	1	0	0	0
481	0	0	0	1	0	0
482	0	0	0	0	0	0
483	0	0	1	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
484	0	0	0	1	0	0
485	0	0	0	0	0	0
486	0	0	0	0	0	0
487	0	0	1	0	0	0
488	0	0	0	1	0	0
489	0	0	1	0	0	0
490	0	0	0	0	0	0
491	0	0	0	0	0	0
492	0	0	1	0	0	0
493	0	0	0	0	0	0
494	0	0	1	0	0	0
495	0	0	0	1	0	0
496	0	0	0	1	0	0
497	0	0	0	0	0	0
498	0	0	1	0	0	0
499	0	0	0	1	0	0
500	0	0	0	0	0	0
501	0	0	0	0	0	0
502	0	0	1	0	0	0
503	0	0	0	0	0	0
504	0	0	0	0	0	0
505	0	0	1	0	0	0
506	0	0	0	1	0	0
507	0	0	0	0	0	0
508	0	0	0	0	0	0
509	0	0	1	0	0	0
510	0	0	0	1	0	0
511	0	0	0	0	0	0
512	0	0	0	0	0	0
513	0	0	0	0	0	0
514	0	0	0	0	0	0
515	0	0	1	0	0	0
516	0	0	0	1	0	0
517	0	0	0	0	0	0
518	0	0	1	0	0	0
519	0	0	0	1	0	0
520	0	0	1	0	0	0
521	0	0	0	0	0	0
522	0	0	1	0	0	0
523	0	0	0	1	0	0
524	1	0	0	0	0	0
525	0	0	0	0	0	0
526	0	0	1	0	0	0
527	0	0	0	1	0	0
528	0	0	0	1	0	0
529	1	0	0	0	0	0
530	0	0	0	1	0	0
531	0	0	0	0	0	0
532	0	0	1	0	0	0
533	0	0	0	0	0	0
534	0	0	0	1	0	0
535	0	0	0	0	0	0
536	0	0	0	1	0	0
537	0	0	1	0	0	0
538	0	0	0	0	0	0
539	0	0	0	0	0	0
540	0	0	0	0	0	0
541	0	0	1	0	0	0
542	0	0	0	1	0	0
543	0	0	0	0	0	0
544	0	0	0	0	0	0
545	0	0	0	0	0	0
546	0	0	1	0	0	0
547	0	0	1	0	0	0
548	0	0	0	0	0	0
549	0	0	1	0	0	0
550	0	0	1	0	0	0
551	0	0	0	1	0	0
552	0	0	1	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
553	0	0	0	1	0	0
554	0	0	0	0	0	0
555	0	0	1	0	0	0
556	0	0	0	1	0	0
557	0	0	0	0	0	0
558	0	0	0	1	0	0
559	0	0	0	0	0	0
560	0	0	0	0	0	0
561	0	0	1	0	0	0
562	0	0	1	0	0	0
563	0	0	0	1	0	0
564	0	0	0	1	0	0
565	0	0	0	0	0	0
566	0	0	1	0	0	0
567	0	0	0	1	0	0
568	0	0	0	1	0	0
569	0	0	0	1	0	0
570	0	0	0	1	0	0
571	0	0	0	0	0	0
572	0	0	1	0	0	0
573	0	0	0	0	0	0
574	0	0	1	0	0	0
575	0	0	0	1	0	0
576	0	0	0	0	0	0
577	0	0	0	0	0	0
578	0	0	0	0	0	0
579	0	0	1	0	0	0
580	0	0	1	0	0	0
581	0	0	0	0	0	0
582	0	0	0	0	0	0
583	0	0	0	0	0	0
584	0	0	1	0	0	0
585	0	0	0	0	0	0
586	0	0	1	0	0	0
587	0	0	0	0	0	0
588	0	0	0	0	0	0
589	0	0	0	0	0	0
590	0	0	0	0	0	0
591	0	0	0	1	0	0
592	0	0	1	0	0	0
593	0	0	1	0	0	0
594	0	0	0	0	0	0
595	0	0	1	0	0	0
596	0	0	0	1	0	0
597	0	0	1	0	0	0
598	0	0	0	0	0	0
599	0	0	0	0	0	0
600	0	0	1	0	0	0
601	0	0	0	0	0	0
602	0	0	0	0	0	0
603	0	0	1	0	0	0
604	0	0	0	0	0	0
605	0	0	1	0	0	0
606	0	0	0	0	0	0
607	0	0	1	0	0	0
608	0	0	0	0	0	0
609	0	0	0	1	0	0
610	0	0	1	0	0	0
611	0	0	1	0	0	0
612	0	0	0	1	0	0
613	0	0	0	0	0	0
614	0	0	0	0	0	0
615	0	0	0	0	0	0
616	0	0	0	0	0	0
617	0	0	1	0	0	0
618	0	0	0	0	0	0
619	0	0	0	0	0	0
620	0	0	0	1	0	0
621	0	0	0	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
622	0	0	0	0	0	0
623	0	0	1	0	0	0
624	0	0	1	0	0	0
625	0	0	1	0	0	0
626	0	0	0	0	0	0
627	0	0	1	0	0	0
628	0	0	0	1	0	0
629	0	0	0	0	0	0
630	0	0	1	0	0	0
631	0	0	1	0	0	0
632	0	0	0	1	0	0
633	0	0	0	0	0	0
634	0	0	0	1	0	0
635	0	0	0	0	0	0
636	0	0	0	0	0	0
637	0	0	1	0	0	0
638	0	0	0	0	0	0
639	0	0	0	0	0	0
640	0	0	1	0	0	0
641	0	0	1	0	0	0
642	0	0	0	1	0	0
643	0	0	0	0	0	0
644	0	0	1	0	0	0
645	0	0	0	0	0	0
646	0	0	0	1	0	0
647	0	0	0	0	0	0
648	0	0	0	0	0	0
649	0	0	1	0	0	0
650	0	0	0	1	0	0
651	1	0	0	0	0	0
652	0	0	0	0	0	0
653	1	0	0	0	0	0
654	0	0	0	0	0	0
655	0	0	0	0	0	0
656	0	0	0	1	0	0
657	0	0	0	0	0	0
658	0	0	0	1	0	0
659	0	0	1	0	0	0
660	0	0	1	0	0	0
661	0	0	0	0	0	0
662	0	0	0	1	0	0
663	0	0	0	0	0	0
664	0	0	1	0	0	0
665	0	0	0	1	0	0
666	0	0	1	0	0	0
667	0	0	0	1	0	0
668	0	0	0	1	0	0
669	0	0	0	1	0	0
670	0	0	0	1	0	0
671	0	0	0	0	0	0
672	0	0	0	0	0	0
673	0	0	0	1	0	0
674	0	0	0	0	0	0
675	0	0	0	0	0	0
676	0	0	0	0	0	0
677	0	0	0	0	0	0
678	0	0	0	1	0	0
679	0	1	0	0	0	0
680	0	0	1	0	0	0
681	0	0	0	0	0	0
682	0	0	0	0	0	0
683	0	0	0	0	0	0
684	0	0	0	0	0	0
685	0	0	1	0	0	0
686	0	0	0	1	0	0
687	0	0	0	0	0	0
688	0	0	0	0	0	0
689	0	0	1	0	0	0
690	0	0	0	1	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
691	0	0	1	0	0	0
692	0	0	0	1	0	0
693	0	0	1	0	0	0
694	0	0	0	0	0	0
695	0	0	0	0	0	0
696	0	0	0	0	0	0
697	0	0	0	0	0	0
698	0	0	0	0	0	0
699	0	0	0	1	0	0
700	0	0	0	0	0	0
701	0	0	0	0	0	0
702	0	0	1	0	0	0
703	0	0	1	0	0	0
704	0	0	0	0	0	0
705	0	0	1	0	0	0
706	0	0	0	1	0	0
707	0	0	0	0	0	0
708	0	0	1	0	0	0
709	0	0	0	1	0	0
710	0	0	0	0	0	0
711	0	0	0	1	0	0
712	0	0	0	0	0	0
713	0	0	0	0	0	0
714	0	0	0	0	0	0
715	0	0	1	0	0	0
716	0	0	0	0	0	0
717	0	0	1	0	0	0
718	0	0	0	0	0	0
719	0	0	1	0	0	0
720	0	0	0	0	0	0
721	0	0	0	0	0	0
722	0	0	0	0	0	0
723	0	0	1	0	0	0
724	1	0	0	0	0	0
725	0	0	0	0	0	0
726	1	0	0	0	0	0
727	0	0	0	0	0	0
728	0	0	0	0	0	0
729	0	0	0	0	0	0
730	0	0	0	0	0	0
731	0	0	0	1	0	0
732	0	0	1	0	0	0
733	0	0	1	0	0	0
734	0	0	0	0	0	0
735	0	0	0	1	0	0
736	0	0	0	0	0	0
737	0	0	1	0	0	0
738	0	0	0	1	0	0
739	0	0	0	0	0	0
740	0	0	1	0	0	0
741	0	0	0	1	0	0
742	0	0	0	1	0	0
743	0	0	0	1	0	0
744	0	0	0	0	0	0
745	0	0	0	1	0	0
746	0	0	0	0	0	0
747	0	0	0	1	0	0
748	0	0	0	0	0	0
749	0	0	0	0	0	0
750	0	0	0	0	0	0
751	0	0	0	0	0	0
752	0	0	0	0	0	0
753	0	0	1	0	0	0
754	0	0	1	0	0	0
755	0	0	0	0	0	0
756	0	0	0	1	0	0
757	0	0	0	0	0	0
758	0	0	0	0	0	0
759	0	0	1	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
760	0	0	1	0	0	0
761	0	0	1	0	0	0
762	0	0	0	1	0	0
763	0	0	0	0	0	0
764	0	0	1	0	0	0
765	0	0	0	0	0	0
766	0	0	0	1	0	0
767	0	0	0	0	0	0
768	0	0	0	0	0	0
769	0	0	0	0	0	0
770	0	0	1	0	0	0
771	0	0	0	0	0	0
772	0	0	1	0	0	0
773	0	0	0	0	0	0
774	0	0	1	0	0	0
775	0	0	0	0	0	0
776	0	0	0	0	0	0
777	0	0	1	0	0	0
778	1	0	0	0	0	0
779	0	0	0	0	0	0
780	1	0	0	0	0	0
781	0	0	0	0	0	0
782	0	0	0	0	0	0
783	0	0	0	1	0	0
784	0	0	1	0	0	0
785	0	0	0	1	0	0
786	0	0	0	0	0	0
787	0	0	0	1	0	0
788	0	0	0	0	0	0
789	0	0	0	1	0	0
790	0	0	1	0	0	0
791	0	0	0	0	0	0
792	0	0	0	0	0	0
793	0	0	0	1	0	0
794	0	0	0	0	0	0
795	0	0	0	0	0	0
796	0	0	0	0	0	0
797	0	0	0	0	0	0
798	0	0	0	0	0	0
799	0	0	0	0	0	0
800	0	0	1	0	0	0
801	0	0	0	0	0	0
802	0	0	0	1	0	0
803	0	0	0	0	0	0
804	0	0	0	0	0	0
805	0	0	1	0	0	0
806	0	0	1	0	0	0
807	0	0	1	0	0	0
808	0	0	0	0	0	0
809	0	0	1	0	0	0
810	0	0	0	0	0	0
811	0	0	0	1	0	0
812	0	0	0	0	0	0
813	0	0	0	0	0	0
814	0	0	0	0	0	0
815	0	0	1	0	0	0
816	0	0	1	0	0	0
817	0	0	0	0	0	0
818	0	0	0	0	0	0
819	0	0	1	0	0	0
820	1	0	0	0	0	0
821	0	0	0	0	0	0
822	1	0	0	0	0	0
823	0	0	0	0	0	0
824	0	0	0	0	0	0
825	0	0	0	1	0	0
826	0	0	1	0	0	0
827	0	0	1	0	0	0
828	0	0	0	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
829	0	0	0	0	0	0
830	0	0	0	1	0	0
831	0	0	0	1	0	0
832	0	0	0	0	0	0
833	0	0	1	0	0	0
834	0	0	0	1	0	0
835	0	0	0	0	0	0
836	0	0	0	0	0	0
837	0	0	0	0	0	0
838	0	0	0	0	0	0
839	0	0	0	0	0	0
840	0	0	0	0	0	0
841	0	0	1	0	0	0
842	0	0	1	0	0	0
843	0	0	0	0	0	0
844	0	0	0	1	0	0
845	0	0	1	0	0	0
846	0	0	0	0	0	0
847	0	0	0	1	0	0
848	0	0	0	0	0	0
849	0	0	1	0	0	0
850	0	0	0	0	0	0
851	0	0	0	1	0	0
852	0	0	0	0	0	0
853	0	0	0	0	0	0
854	0	0	1	0	0	0
855	0	0	1	0	0	0
856	0	0	0	0	0	0
857	0	0	0	0	0	0
858	0	0	1	0	0	0
859	1	0	0	0	0	0
860	0	0	0	0	0	0
861	1	0	0	0	0	0
862	0	0	0	1	0	0
863	0	0	1	0	0	0
864	0	0	0	0	0	0
865	0	0	0	1	0	0
866	0	0	0	0	0	0
867	0	0	1	0	0	0
868	0	0	0	1	0	0
869	0	0	0	0	0	0
870	0	0	0	0	0	0
871	0	0	0	0	0	0
872	0	0	0	0	0	0
873	0	0	0	1	0	0
874	0	0	0	1	0	0
875	0	0	0	0	0	0
876	0	0	1	0	0	0
877	0	0	0	0	0	0
878	0	0	0	1	0	0
879	0	0	0	0	0	0
880	0	0	0	0	0	0
881	0	0	1	0	0	0
882	0	0	1	0	0	0
883	1	0	0	0	0	0
884	1	0	0	0	0	0
885	0	0	0	1	0	0
886	0	0	1	0	0	0
887	0	0	0	0	0	0
888	0	0	1	0	0	0
889	0	0	0	1	0	0
890	0	0	0	0	0	0
891	0	0	0	0	0	0
892	0	0	0	0	0	0
893	0	0	0	0	0	0
894	0	0	0	1	0	0
895	0	0	0	0	0	0
896	0	0	0	0	0	0
897	0	0	0	1	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
898	0	0	0	0	0	0
899	0	0	1	0	0	0
900	0	0	0	0	0	0
901	0	0	0	1	0	0
902	0	0	0	0	0	0
903	1	0	0	0	0	0
904	0	0	0	1	0	0
905	0	0	1	0	0	0
906	0	0	0	1	0	0
907	0	0	0	0	0	0
908	0	0	1	0	0	0
909	0	0	0	0	0	0
910	0	0	0	0	0	0
911	0	0	0	0	0	0
912	0	0	0	0	0	0
913	0	0	0	0	0	0
914	0	0	0	1	0	0
915	0	0	0	0	0	0
916	0	0	0	0	0	0
917	0	0	0	1	0	0
918	0	0	0	0	0	0
919	1	0	0	0	0	0
920	0	0	1	0	0	0
921	0	0	0	1	0	0
922	0	0	0	0	0	0
923	0	0	1	0	0	0
924	0	0	0	0	0	0
925	0	0	0	0	0	0
926	0	0	0	0	0	0
927	0	0	0	0	0	0
928	0	0	0	0	0	0
929	0	0	0	0	0	0
930	0	0	0	1	0	0
931	0	0	0	0	0	0
932	0	0	1	0	0	0
933	0	0	0	0	0	0
934	0	0	0	1	0	0
935	0	0	0	0	0	0
936	1	0	0	0	0	0
937	0	0	0	1	0	0
938	0	0	0	0	0	0
939	0	0	0	1	0	0
940	0	0	0	0	0	0
941	0	0	0	0	0	0
942	0	0	0	0	0	0
943	0	0	0	0	0	0
944	0	0	0	1	0	0
945	0	0	1	0	0	0
946	0	0	0	0	0	0
947	0	0	0	1	0	0
948	0	0	0	0	0	0
949	1	0	0	0	0	0
950	0	0	0	1	0	0
951	0	0	0	0	0	0
952	0	0	0	0	0	0
953	0	0	0	0	0	0
954	0	0	0	1	0	0
955	0	0	1	0	0	0
956	0	0	0	0	0	0
957	1	0	0	0	0	0
958	0	0	0	0	0	0
959	0	0	0	0	0	0
960	0	0	0	0	0	0
961	0	0	0	1	0	0
962	0	0	1	0	0	0
963	0	0	0	0	0	0
964	1	0	0	0	0	0
965	0	0	0	0	0	0
966	0	0	0	0	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
967	0	0	0	0	0	0
968	0	0	0	1	0	0
969	0	0	1	0	0	0
970	0	0	0	0	0	0
971	1	0	0	0	0	0
972	0	0	0	0	0	0
973	0	0	0	0	0	0
974	0	0	0	0	0	0
975	0	0	0	1	0	0
976	0	0	0	0	0	0
977	1	0	0	0	0	0
978	0	0	0	0	0	0
979	0	0	0	0	0	0
980	0	0	0	0	0	0
981	0	0	0	1	0	0
982	0	0	0	0	0	0
983	0	0	0	0	0	0
984	0	0	0	0	0	0
985	0	0	0	1	0	0
986	0	0	1	0	0	0
987	0	0	0	0	0	0
988	1	0	0	0	0	0
989	0	0	0	0	0	0
990	0	0	0	0	0	0
991	0	0	0	0	0	0
992	0	0	0	1	0	0
993	0	0	0	0	0	0
994	1	0	0	0	0	0
995	0	0	0	0	0	0
996	0	0	0	0	0	0
997	0	0	0	0	0	0
998	0	0	0	0	0	0
999	0	0	0	0	0	0
1000	0	0	0	0	0	0
1001	0	0	0	0	0	0
1002	0	0	1	0	0	0
1003	0	0	0	0	0	0
1004	0	0	0	0	0	0
1005	0	0	0	0	0	0
1006	0	0	0	0	0	0
1007	0	0	0	1	0	0
1008	0	0	1	0	0	0
1009	0	0	0	0	0	0
1010	0	0	0	0	0	0
1011	0	0	0	0	0	0
1012	0	0	0	0	0	0
1013	0	0	0	1	0	0
1014	0	0	1	0	0	0
1015	0	0	0	0	0	0
1016	0	0	0	0	0	0
1017	0	0	0	1	0	0
1018	0	0	1	0	0	0
1019	0	0	0	0	0	0
1020	0	0	0	1	0	0
1021	0	0	0	0	0	0
1022	0	0	0	0	0	0
1023	0	0	0	1	0	0
1024	0	0	1	0	0	0
1025	0	0	0	0	0	0
1026	0	0	0	1	0	0
1027	0	0	1	0	0	0
1028	0	0	0	0	0	0
1029	0	0	0	1	0	0
1030	0	0	1	0	0	0
1031	0	0	0	0	0	0
1032	0	0	0	1	0	0
1033	0	0	1	0	0	0
1034	0	0	0	0	0	0
1035	0	0	0	1	0	0

	FF RA Lead	Other RA Lead	Fund RV Lead	PRP RV Lead	Other RV Lead	FF RV Lead
1036	0	0	0	1	0	0
1037	0	0	0	1	0	0
1038	0	0	0	1	0	0
1039	0	0	0	1	0	0
1040	0	0	0	1	0	0
1041	0	0	0	1	0	0
1042	0	0	0	1	0	0
1043	0	0	0	1	0	0
1044	0	0	0	1	0	0
1045	0	0	0	1	0	0
1046	0	0	0	1	0	0
1047	0	0	0	1	0	0
1048	0	0	0	1	0	0
1049	0	0	0	1	0	0
1050	0	0	0	1	0	0
1051	0	0	0	1	0	0
1052	0	0	0	1	0	0
1053	0	0	0	1	0	0
1054	0	0	0	1	0	0
1055	0	0	0	1	0	0
1056	0	0	0	1	0	0
1057	0	0	0	1	0	0
1058	0	0	0	1	0	0
1059	0	0	0	1	0	0
1060	0	0	0	1	0	0
1061	0	0	0	1	0	0
1062	0	0	0	1	0	0
1063	0	0	0	1	0	0
1064	0	0	0	1	0	0
1065	0	0	0	1	0	0
1066	0	0	0	1	0	0
1067	0	0	0	1	0	0
1068	0	0	0	1	0	0
1069	0	0	0	1	0	0
1070	0	0	0	1	0	0
1071	0	0	0	1	0	0

	FY	to2009
1	1940	13
2	1941	12
3	1942	11
4	1943	11
5	1944	10
6	1945	10
7	1946	9
8	1947	8
9	1948	8
10	1949	7
11	1950	8
12	1951	7
13	1952	7
14	1953	7
15	1954	7
16	1955	7
17	1956	7
18	1957	6
19	1958	6
20	1959	6
21	1960	6
22	1961	6
23	1962	6
24	1963	6
25	1964	6
26	1965	6
27	1966	5
28	1967	5
29	1968	5
30	1969	5
31	1970	5
32	1971	4
33	1972	4
34	1973	4
35	1974	4
36	1975	3
37	1976	3
38	1977	3
39	1978	3
40	1979	3
41	1980	2
42	1981	2
43	1982	2
44	1983	2
45	1984	2
46	1985	2
47	1986	2
48	1987	2
49	1988	2
50	1989	2
51	1990	2
52	1991	1
53	1992	1
54	1993	1
55	1994	1
56	1995	1
57	1996	1
58	1997	1
59	1998	1
60	1999	1
61	2000	1
62	2001	1
63	2002	1
64	2003	1
65	2004	1
66	2005	1
67	2006	1
68	2007	1
69	2008	1

	FY	to2009
70	2009	1
71	2010	1
72	2011	1
73	2012	1
74	2013	1
75	2014	1
76	2015	1

	region	site name	siteid	epa id	ratname	start	lodged
1	01	BROAD BROOK	0102950	CT0002055887	ADM ORDR001		
2	01	CALLAHAN MINING	010028P	MED980524128	ADM ORDR002		
3	01	CALLAHAN MINING	010028P	MED980524128	ADM ORDR001		
4	01	CHADWICK LEAD	0102868	MA0001408319	ADM ORDR001		
5	01	CHLOR-ALKALI	0103313 (FORMER)	BRN000103313	JUDGMENT002		
6	01	CHLOR-ALKALI	0103313 (FORMER)	BRN000103313	JUDGMENT001		
7	01	CHLOR-ALKALI	0103313 (FORMER)	BRN000103313	JUDGMENT003		
8	01	ELIZABETH MINE	0102071	VTD988366621	ADM ORDR001		
9	01	ELIZABETH MINE	0102071	VTD988366621	CON AGMT002		
10	01	ELIZABETH MINE	0102071	VTD988366621	CON AGMT001		
11	01	ELIZABETH MINE	0102071	VTD988366621	UNL ORDR002		
12	01	ELIZABETH MINE	0102071	VTD988366621	UNL ORDR001		
13	01	ELY COPPER MINE	0102065	VTD988366571	ADM ORDR001		
14	01	GALLUP'S QUARRY	0100201	CTD108960972	ADM ORDR001		
15	01	GALLUP'S QUARRY	0100201	CTD108960972	ADM ORDR002		
16	01	GALLUP'S QUARRY	0100201	CTD108960972	C DECREE001	11/9/99 12:00 AM	2/10/2000 12:00 AM
17	01	HOCOMONCO POND	0100751	MAD980732341	C DECREE001	9/30/86 12:00 AM	11/10/87 12:00 AM
18	01	HOCOMONCO POND	0100751	MAD980732341	UNL ORDR001		
19	01	KEARSARGE METALLURGICAL	010062002001	C DECREE001	ADM ORDR001		
20	01	KEARSARGE METALLURGICAL	010062002001	C DECREE001			6/27/2000 12:00 AM
21	01	MCKIN CO.	0101027	MED980524078	ADM ORDR002		
22	01	MCKIN CO.	0101027	MED980524078	ADM ORDR001		
23	01	MCKIN CO.	0101027	MED980524078	C DECREE001	9/30/87 12:00 AM	5/5/88 12:00 AM
24	01	MCKIN CO.	0101027	MED980524078	ACT AMND001		
25	01	MCKIN CO.	0101027	MED980524078	UNL ORDR002		
26	01	MCKIN CO.	0101027	MED980524078	UNL ORDR001		
27	01	NUCLEAR META	0100550	MAD062166335	ADM ORDR002		
28	01	NUCLEAR META	0100550	MAD062166335	ADM ORDR001		
29	01	NUCLEAR META	0100550	MAD062166335	ADM ORDR003		
30	02	ATLANTIC RES	0200000	NJD981558430	ADM ORDR001		
31	02	ATLANTIC RES	0200000	NJD981558430	ADM ORDR002		
32	02	ATLANTIC RES	0200000	NJD981558430	BANKRUPT001		
33	02	ATLANTIC RES	0200000	NJD981558430	C DECREE001	3/31/89 12:00 AM	1/10/92 12:00 AM
34	02	ATLANTIC RES	0200000	NJD981558430	C DECREE002	9/21/2006 12:00 AM	10/22/2006 12:00 AM
35	02	ATLANTIC RES	0200000	NJD981558430	JUDGMENT001		
36	02	CONSOLIDATED POND AND META	0200000	NY0002455756	ADM ORDR002		
37	02	CONSOLIDATED POND AND META	0200000	NY0002455756	ADM ORDR001		
38	02	CONSOLIDATED POND AND META	0200000	NY0002455756	C DECREE002	7/17/2008 12:00 AM	8/21/2008 12:00 AM
39	02	CONSOLIDATED POND AND META	0200000	NY0002455756	C DECREE001		
40	02	CONSOLIDATED POND AND META	0200000	NY0002455756	ACT AMND002		
41	02	CONSOLIDATED POND AND META	0200000	NY0002455756	ACT AMND004		
42	02	CONSOLIDATED POND AND META	0200000	NY0002455756	ACT AMND003		
43	02	CONSOLIDATED POND AND META	0200000	NY0002455756	ACT AMND001		
44	02	CONSOLIDATED POND AND META	0200000	NY0002455756	SETTLMNT001		
45	02	CPS/MADISON INDUSTRIES	0200000	NJD002141190	ADM ORDR003		
46	02	CPS/MADISON INDUSTRIES	0200000	NJD002141190	ADM ORDR001		
47	02	CPS/MADISON INDUSTRIES	0200000	NJD002141190	C DECREE001		3/17/2000 12:00 AM
48	02	DELILAH ROAD	0200614	NJD980529002	ADMIN CR001		
49	02	DELILAH ROAD	0200614	NJD980529002	CON AGMT001		
50	02	GENERAL MOTOR	0200614	FOUND97285451	ADM ORDR001		
51	02	GENERAL MOTOR	0200614	FOUND97285451	ADMIN CR001	8/31/94 12:00 AM	
52	02	GENERAL MOTOR	0200614	FOUND97285451	BANKRUPT001		
53	02	GENERAL MOTOR	0200614	FOUND97285451	BANKRUPT002		
54	02	GENERAL MOTOR	0200614	FOUND97285451	CON AGMT001		
55	02	GENERAL MOTOR	0200614	FOUND97285451	C DECREE001		4/23/2001 12:00 AM
56	02	GENERAL MOTOR	0200614	FOUND97285451	UNL ORDR002		
57	01	NUCLEAR META	0100550	MAD062166335	JUD DEF001		
58	01	NUCLEAR META	0100550	MAD062166335	UNL ORDR002		
59	01	NUCLEAR META	0100550	MAD062166335	UNL ORDR005		
60	01	NUCLEAR META	0100550	MAD062166335	UNL ORDR004		
61	01	NUCLEAR META	0100550	MAD062166335	UNL ORDR001		
62	01	NUCLEAR META	0100550	MAD062166335	UNL ORDR003		
63	01	NUCLEAR META	0100550	MAD062166335	UNL ORDR006		
64	01	PIONEER FOUND	0105854	MAN000105854	ADM ORDR001		
65	01	SACO STEEL	0104208	MEN000104208	UNL ORDR001		
66	01	SULLIVAN'S LEAD	0100744	MAD980731343	C DECREE004	10/2/92 12:00 AM	
67	01	SULLIVAN'S LEAD	0100744	MAD980731343	C DECREE005		8/23/96 12:00 AM
68	01	SULLIVAN'S LEAD	0100744	MAD980731343	C DECREE006	6/23/98 12:00 AM	6/25/98 12:00 AM
69	01	SULLIVAN'S LEAD	0100744	MAD980731343	C DECREE003	9/27/90 12:00 AM	3/5/91 12:00 AM

	region	site name	siteid	epa id	ratname	start	lodged
70	01	SULLIVAN'S LED	03E0744	MAD980731343	C DECREE002	9/27/93 12:00 AM	12/2/93 12:00 AM
71	01	SULLIVAN'S LED	03E0744	MAD980731343	C DECREE001		1/4/95 12:00 AM
72	01	SULLIVAN'S LED	03E0744	MAD980731343	UNL ORDR001		
73	01	SYLVESTER	0101115	NHD099363541	ADM ORDR002		
74	01	SYLVESTER	0101115	NHD099363541	ADM ORDR001		
75	01	SYLVESTER	0101115	NHD099363541	C DECREE003	7/27/88 12:00 AM	8/14/89 12:00 AM
76	01	SYLVESTER	0101115	NHD099363541	C DECREE002	7/22/88 12:00 AM	8/14/89 12:00 AM
77	01	VERMONT ASBESTOS GROUP	03E0000	WNE000105222	C DECREE001		7/2/2009 12:00 AM
78	01	WESTERN SAND & GRAVEL	D000936	RID009764929	ADM ORDR001		
79	01	WESTERN SAND & GRAVEL	D000936	RID009764929	CON AGMT001		
80	01	WESTERN SAND & GRAVEL	D000936	RID009764929	C DECREE002	9/30/91 12:00 AM	12/26/92 12:00 AM
81	01	WESTERN SAND & GRAVEL	D000936	RID009764929	C DECREE001	9/30/85 12:00 AM	6/5/87 12:00 AM
82	01	ZONOLITE PLANT	03E0556	MAE001000556	ADM ORDR001		
83	02	ALCOA AGGREGATION SITE	GAT0000	NYD980506232	CON AGMT002		
84	02	ALCOA AGGREGATION SITE	GAT0000	NYD980506232	CON AGMT001		
85	02	ALCOA AGGREGATION SITE	GAT0000	NYD980506232	ACT AMND001		
86	02	ALCOA AGGREGATION SITE	GAT0000	NYD980506232	UNL ORDR001		
87	02	GENERAL MOTOR	02S1624	FOU009728745	UNL ORDR001		
88	02	GENERAL MOTOR	02S1624	FOU009728745	UNL ORDR003		
89	02	GLEN RIDGE RADIATION SITE	0200093	NJD980785646	UNL ORDR001		
90	02	GLEN RIDGE RADIATION SITE	0200093	NJD980785646	UNL ORDR002		
91	02	LCP CHEMICALS	0200455	NJD079303020	ADM ORDR002		
92	02	LCP CHEMICALS	0200455	NJD079303020	ADM ORDR001		
93	02	LCP CHEMICALS	0200455	NJD079303020	C DECREE001		
94	02	LI TUNGSTEN CORP	02P2972	NYD986882660	ADM ORDR002		
95	02	LI TUNGSTEN CORP	02P2972	NYD986882660	ADM ORDR001		
96	02	LI TUNGSTEN CORP	02P2972	NYD986882660	CON AGMT002		
97	02	LI TUNGSTEN CORP	02P2972	NYD986882660	CON AGMT001		
98	02	LI TUNGSTEN CORP	02P2972	NYD986882660	CON AGMT003		
99	02	LI TUNGSTEN CORP	02P2972	NYD986882660	C DECREE004		7/11/2005 12:00 AM
100	02	LI TUNGSTEN CORP	02P2972	NYD986882660	C DECREE003		7/11/2005 12:00 AM
101	02	LI TUNGSTEN CORP	02P2972	NYD986882660	C DECREE001	8/4/99 12:00 AM	9/13/99 12:00 AM
102	02	LI TUNGSTEN CORP	02P2972	NYD986882660	JUDGMENT002		
103	02	LI TUNGSTEN CORP	02P2972	NYD986882660	JUDGMENT001		
104	02	LI TUNGSTEN CORP	02P2972	NYD986882660	JUDGMENT003		
105	02	LI TUNGSTEN CORP	02P2972	NYD986882660	UNL ORDR001		
106	02	LI TUNGSTEN CORP	02P2972	NYD986882660	UNL ORDR004		
107	02	LI TUNGSTEN CORP	02P2972	NYD986882660	UNL ORDR003		
108	02	LUDLOW SAND	02G1507	NYD013468939	ADM ORDR001		
109	02	LUDLOW SAND	02G1507	NYD013468939	C DECREE002		8/25/2004 12:00 AM
110	02	LUDLOW SAND	02G1507	NYD013468939	C DECREE001	9/30/88 12:00 AM	
111	02	LUDLOW SAND	02G1507	NYD013468939	C DECREE003	6/26/2007 12:00 AM	8/2/2007 12:00 AM
112	02	MAYWOOD CHEMICAL CO.	0200665	NJD980529762	ADM ORDR001		
113	02	MAYWOOD CHEMICAL CO.	0200665	NJD980529762	ADMIN CR001		
114	02	MAYWOOD CHEMICAL CO.	0200665	NJD980529762	UNL ORDR001		
115	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR007		
116	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR002		
117	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR001		
118	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR003		
119	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR013		
120	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR015		
121	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR006		
122	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR014		
123	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR012		
124	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR004		
125	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR008		
126	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR010		
127	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR009		
128	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR005		
129	02	MONTCLAIR/WEST RANGE RADIATION	0200937	NJD0989785653	UNL ORDR011		
130	02	NL INDUSTRIES INC	02C1901	NYD980531636	ADM ORDR001		
131	02	ONONDAGA LAKE	0203382	NYD986913580	ADM ORDR001		
132	02	ONONDAGA LAKE	0203382	NYD986913580	ADM ORDR010		
133	02	ONONDAGA LAKE	0203382	NYD986913580	ADM ORDR012		
134	02	ONONDAGA LAKE	0203382	NYD986913580	ADM ORDR006		
135	02	ONONDAGA LAKE	0203382	NYD986913580	ADM ORDR008		
136	02	ONONDAGA LAKE	0203382	NYD986913580	ADM ORDR007		
137	02	ONONDAGA LAKE	0203382	NYD986913580	BANKRUPT001		
138	02	ONONDAGA LAKE	0203382	NYD986913580	C DECREE003		

	region	site name	siteid	epa id	ratname	start	lodged
139	02	ONONDAGA LAKE	0203382	NYD986913580	C DECREE004	10/11/2006 12:00 AM	
140	02	ONONDAGA LAKE	0203382	NYD986913580	C DECREE005		
141	02	ONONDAGA LAKE	0203382	NYD986913580	C DECREE007		
142	02	ONONDAGA LAKE	0203382	NYD986913580	C DECREE008		
143	02	ONONDAGA LAKE	0203382	NYD986913580	C DECREE009		
144	02	REYNOLDS METAL	0203485	NYD002245967	ADMIN CR001		
145	02	REYNOLDS METAL	0203485	NYD002245967	CON AGMT001		
146	02	REYNOLDS METAL	0203485	NYD002245967	C DECREE001		7/29/2003 12:00 AM
147	02	REYNOLDS METAL	0203485	NYD002245967	UNL ORDR001		
148	02	RINGWOOD MINES	0250263	NJD980529739	ADM ORDR002		
149	02	RINGWOOD MINES	0250263	NJD980529739	ADM ORDR005		
150	02	RINGWOOD MINES	0250263	NJD980529739	ADM ORDR003		
151	02	RINGWOOD MINES	0250263	NJD980529739	ADM ORDR001		
152	02	RINGWOOD MINES	0250263	NJD980529739	ADM ORDR004		
153	02	RINGWOOD MINES	0250263	NJD980529739	C DECREE001		7/16/93 12:00 AM
154	02	RINGWOOD MINES	0250263	NJD980529739	UNL ORDR003		
155	02	RINGWOOD MINES	0250263	NJD980529739	UNL ORDR004		
156	02	RINGWOOD MINES	0250263	NJD980529739	UNL ORDR001		
157	02	RINGWOOD MINES	0250263	NJD980529739	UNL ORDR002		
158	02	ROEBLING STEEL	0200439	NJD073732257	CON AGMT002		
159	02	ROEBLING STEEL	0200439	NJD073732257	CON AGMT001		
160	02	ROEBLING STEEL	0200439	NJD073732257	CON AGMT003		
161	02	ROEBLING STEEL	0200439	NJD073732257	C DECREE001		10/12/92 12:00 AM
162	02	ROEBLING STEEL	0200439	NJD073732257	UNL ORDR001		
163	02	SHIELDALLOY CO	0200203	NJD002365930	ADM ORDR001		
164	02	SHIELDALLOY CO	0200203	NJD002365930	ADM ORDR002		
165	02	U.S. RADIUM CORP	0200772	NJD980654172	ADM ORDR001		
166	02	U.S. RADIUM CORP	0200772	NJD980654172	CON AGMT001		
167	02	U.S. RADIUM CORP	0200772	NJD980654172	C DECREE002		
168	02	U.S. RADIUM CORP	0200772	NJD980654172	C DECREE001		8/14/98 12:00 AM
169	02	U.S. RADIUM CORP	0200772	NJD980654172	UNL ORDR001		
170	02	U.S. RADIUM CORP	0200772	NJD980654172	UNL ORDR002		
171	02	W.R. GRACE & CO	0202981	NJD067387472	C DECREE001	4/30/98 12:00 AM	4/30/98 12:00 AM
172	02	WR GRACE HAMMILL	0204268	NJD067387472	ADM ORDR002		
173	02	WR GRACE HAMMILL	0204268	NJD067387472	ADM ORDR001		
174	02	WR GRACE HAMMILL	0204268	NJD067387472	JUDGMENT001		
175	03	8TH AND PLUTUS	0305784	VAD980551683	ADM ORDR002		
176	03	8TH AND PLUTUS	0305784	VAD980551683	ADM ORDR001		
177	03	8TH AND PLUTUS	0305784	VAD980551683	C DECREE002		1/27/2010 12:00 AM
178	03	8TH AND PLUTUS	0305784	VAD980551683	C DECREE001		1/27/2010 12:00 AM
179	03	8TH AND PLUTUS	0305784	VAD980551683	ACT AMND001		
180	03	ABEX CORP.	0302667	VAD980551683	ADM ORDR001		
181	03	ABEX CORP.	0302667	VAD980551683	ADM ORDR003		
182	03	ABEX CORP.	0302667	VAD980551683	C DECREE003		4/12/2000 12:00 AM
183	03	ABEX CORP.	0302667	VAD980551683	C DECREE001	9/28/95 12:00 AM	1/4/96 12:00 AM
184	03	ABEX CORP.	0302667	VAD980551683	ACT AMND002		
185	03	ABEX CORP.	0302667	VAD980551683	ACT AMND001		
186	03	ABEX CORP.	0302667	VAD980551683	UNL ORDR001		
187	03	ALLIED-PULASKI	0302676	VAD980551915	C DECREE001		1/18/2008 12:00 AM
188	03	ALLIED-PULASKI	0302676	VAD980551915	ACT AMND002		
189	03	ALLIED-PULASKI	0302676	VAD980551915	ACT AMND001		
190	03	ALLIED-PULASKI	0302676	VAD980551915	UNL ORDR001		
191	03	AMBLER ASBESTOS	0306415	PAD000436436	ADM ORDR001		
192	03	AMBLER ASBESTOS	0306415	PAD000436436	C DECREE002	9/26/90 12:00 AM	4/9/91 12:00 AM
193	03	AMBLER ASBESTOS	0306415	PAD000436436	C DECREE003	6/29/90 12:00 AM	9/12/90 12:00 AM
194	03	AMBLER ASBESTOS	0306415	PAD000436436	C DECREE001		8/15/89 12:00 AM
195	03	AMBLER ASBESTOS	0306415	PAD000436436	UNL ORDR001		
196	03	AMBLER ASBESTOS	0306415	PAD000436436	UNL ORDR002		
197	03	BEAUMONT GLASS	0304561	WVD988788345	ADM ORDR003		
198	03	BEAUMONT GLASS	0304561	WVD988788345	C DECREE001		4/25/2003 12:00 AM
199	03	BUTLER MINE TAIL	0301208	PAD980508451	ADM ORDR001		
200	03	BUTLER MINE TAIL	0301208	PAD980508451	ADM ORDR002		
201	03	BUTLER MINE TAIL	0301208	PAD980508451	BANKRUPT001		
202	03	BUTLER MINE TAIL	0301208	PAD980508451	C DECREE001	10/11/89 12:00 AM	11/24/89 12:00 AM
203	03	BUTLER MINE TAIL	0301208	PAD980508451	C DECREE004		1/15/2008 12:00 AM
204	03	BUTLER MINE TAIL	0301208	PAD980508451	C DECREE002	5/17/90 12:00 AM	6/8/90 12:00 AM
205	03	BUTLER MINE TAIL	0301208	PAD980508451	C DECREE003	7/27/2000 12:00 AM	11/2/2000 12:00 AM
206	03	CAPITOL ASSAY	0300256	MDD108981531	ADM ORDR002		
207	03	CAPITOL ASSAY	0300256	MDD108981531	ADM ORDR001		

	region	site name	siteid	epa id	ratname	start	lodged
208	03	CENTRAL CHEM	00A1269	MD0003061447	ADM ORDR003		
209	03	CENTRAL CHEM	00A1269	MD0003061447	ADM ORDR002		
210	03	CENTRAL CHEM	00A1269	MD0003061447	BANKRUPT001		
211	03	CENTRAL CHEM	00A1269	MD0003061447	C DECREE002		3/11/2008 12:00 AM
212	03	CRATER RESOU	030E93NC./KEY	SA10988410697	ADM ORDR003	STEEL CO.	
213	03	CRATER RESOU	030E93NC./KEY	SA10988410697	ADM ORDR003	STEEL CO.	
214	03	CRATER RESOU	030E93NC./KEY	SA10988410697	ADM ORDR003	STEEL CO.	
215	03	CRATER RESOU	030E93NC./KEY	SA10988410697	ADM ORDR003	STEEL CO.	
216	03	CRATER RESOU	030E93NC./KEY	SA10988410697	C DECREE003	STEEL CO.	2/16/2011 12:00 AM
217	03	CRATER RESOU	030E93NC./KEY	SA10988410697	C DECREE003	STEEL CO.	10/5/2007 12:00 AM
218	03	CRATER RESOU	030E93NC./KEY	SA10988410697	C DECREE003	STEEL CO.	
219	03	DELAWARE SAN	0300034	DEDF000605972	ADM ORDR003		
220	03	DELAWARE SAN	0300034	DEDF000605972	ADM ORDR001		
221	03	DELAWARE SAN	0300034	DEDF000605972	BANKRUPT002		
222	03	DELAWARE SAN	0300034	DEDF000605972	BANKRUPT001		
223	03	DELAWARE SAN	0300034	DEDF000605972	C DECREE002	7/3/95 12:00 AM	7/26/95 12:00 AM
224	03	DELAWARE SAN	0300034	DEDF000605972	C DECREE008	9/27/96 12:00 AM	10/1/96 12:00 AM
225	03	DELAWARE SAN	0300034	DEDF000605972	C DECREE001	8/8/90 12:00 AM	8/27/90 12:00 AM
226	03	DELAWARE SAN	0300034	DEDF000605972	C DECREE003	7/3/95 12:00 AM	7/26/95 12:00 AM
227	03	DELAWARE SAN	0300034	DEDF000605972	C DECREE007	2/20/96 12:00 AM	2/20/96 12:00 AM
228	03	DELAWARE SAN	0300034	DEDF000605972	C DECREE006	12/8/94 12:00 AM	4/18/95 12:00 AM
229	03	DELAWARE SAN	0300034	DEDF000605972	C DECREE004	1/30/91 12:00 AM	4/18/91 12:00 AM
230	03	DELAWARE SAN	0300034	DEDF000605972	C DECREE005	6/6/91 12:00 AM	6/25/91 12:00 AM
231	03	DELAWARE SAN	0300034	DEDF000605972	ACT AMND001		
232	03	DELAWARE SAN	0300034	DEDF000605972	UNL ORDR004		
233	03	DELAWARE SAN	0300034	DEDF000605972	UNL ORDR002		
234	03	DELAWARE SAN	0300034	DEDF000605972	UNL ORDR003		
235	03	DELAWARE SAN	0300034	DEDF000605972	UNL ORDR005		
236	03	DELAWARE SAN	0300034	DEDF000605972	UNL ORDR001		
237	03	E.I. DU PONT	DEHEM08JRS & COE	D980555V2P	ORMPOR002	PLANT LANDFILL)	
238	03	E.I. DU PONT	DEHEM08JRS & COE	D980555V2P	ORMPOR002	PLANT LANDFILL)	
239	03	E.I. DU PONT	DEHEM08JRS & COE	D980555V2P	ORMPOR002	PLANT LANDFILL)	
240	03	E.I. DU PONT	DEHEM08JRS & COE	D980555V2P	ORMPOR002	PLANT LANDFILL)	
241	03	FIRST PIEDMON	0302788	ROCK QAD987554334	ADM ORDR001		
242	03	FIRST PIEDMON	0302788	ROCK QAD987554334	TE DECREE001		10/30/2001 12:00 AM
243	03	FIRST PIEDMON	0302788	ROCK QAD987554334	TE ORDR001		
244	03	FOOTE MINERA	0301103	PAD077087989	ADM ORDR004		
245	03	FOOTE MINERA	0301103	PAD077087989	ADM ORDR003		
246	03	FOOTE MINERA	0301103	PAD077087989	ADM ORDR001		
247	03	FOOTE MINERA	0301103	PAD077087989	ADM ORDR002		
248	03	FOOTE MINERA	0301103	PAD077087989	C DECREE001	1/22/2007 12:00 AM	5/26/2007 12:00 AM
249	03	FRANKLIN SLA	00L5549(DC)	PASFN0305549	C DECREE001		8/30/2011 12:00 AM
250	03	FRANKLIN SME	0306349	PAD002280725	C DECREE003		8/30/2011 12:00 AM
251	03	FRANKLIN SME	0306349	PAD002280725	C DECREE001		6/24/2002 12:00 AM
252	03	HANLIN-ALLIED	0308677	WVD024185373	ADM ORDR001		
253	03	HANLIN-ALLIED	0308677	WVD024185373	ADM ORDR002		
254	03	HANLIN-ALLIED	0308677	WVD024185373	ADM ORDR004		
255	03	HANLIN-ALLIED	0308677	WVD024185373	ADM ORDR003		
256	03	HANLIN-ALLIED	0308677	WVD024185373	ADM ORDR007		
257	03	HANLIN-ALLIED	0308677	WVD024185373	ADM ORDR005		
258	03	HANLIN-ALLIED	0308677	WVD024185373	ADM ORDR006		
259	03	HYMAN VIENER	0302308	VAD003112364	UNL ORDR001		
260	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	ADM ORDR002		
261	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	ADM ORDR011		
262	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	ADM ORDR005		
263	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	ADM ORDR006		
264	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	ADM ORDR013		
265	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	ADM ORDR012		
266	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	ADM ORDR004		
267	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	ADM ORDR003		
268	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	BANKRUPT001		
269	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	C DECREE012		
270	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	C DECREE010	4/4/2002 12:00 AM	11/22/2002 12:00 AM
271	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	C DECREE007		10/1/2001 12:00 AM
272	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	C DECREE003	12/4/2000 12:00 AM	11/3/2001 12:00 AM
273	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	C DECREE009		4/10/2002 12:00 AM
274	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	C DECREE004	11/2/94 12:00 AM	10/4/96 12:00 AM
275	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	C DECREE002	9/22/2000 12:00 AM	10/19/2000 12:00 AM
276	03	JACKS CREEK/	0306169	MELTING PAFB8829493INC	C DECREE006		8/17/2001 12:00 AM

	region	site name	siteid	epa id	ratname	start	lodged
277	03	JACKS CREEK/SIT01569	MELTING	PAD980508816	ADM ORDR001	12/19/2001 12:00 AM	4/17/2002 12:00 AM
278	03	JACKS CREEK/SIT01569	MELTING	PAD980508816	ADM ORDR001		4/10/2002 12:00 AM
279	03	JACKS CREEK/SIT01569	MELTING	PAD980508816	ADM ORDR001		4/20/2001 12:00 AM
280	03	JACKS CREEK/SIT01569	MELTING	PAD980508816	ADM ORDR001	2/2/99 12:00 AM	7/28/99 12:00 AM
281	03	JACKS CREEK/SIT01569	MELTING	PAD980508816	ADM ORDR001		
282	03	JACKS CREEK/SIT01569	MELTING	PAD980508816	ADM ORDR001		
283	03	KENTUCKY/WEST VIRGINIA COAL	FIELD	PAD980508816	ADM ORDR001		
284	03	OHIO RIVER PARK	01227	PAD980508816	ADM ORDR001		
285	03	OHIO RIVER PARK	01227	PAD980508816	ADM ORDR002		
286	03	OHIO RIVER PARK	01227	PAD980508816	C DECREE001	9/4/97 12:00 AM	9/17/97 12:00 AM
287	03	OHIO RIVER PARK	01227	PAD980508816	ACT AMND001		
288	03	OLD NATIONAL CARBIDE		VAD988166146	ADM ORDR001		
289	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR035		
290	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR025		
291	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR017		
292	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR002		
293	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR046		
294	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR037		
295	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR059		
296	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR011		
297	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR041		
298	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR036		
299	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR033		
300	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR038		
301	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR049		
302	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR015		
303	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR012		
304	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR023		
305	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR013		
306	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR019		
307	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR051		
308	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR030		
309	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR007		
310	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR055		
311	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR005		
312	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR027		
313	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR021		
314	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR039		
315	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR010		
316	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR024		
317	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR060		
318	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR029		
319	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR003		
320	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR053		
321	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR018		
322	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR058		
323	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR042		
324	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR062		
325	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR032		
326	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR016		
327	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR034		
328	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR061		
329	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR048		
330	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR044		
331	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR056		
332	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR020		
333	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR004		
334	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR045		
335	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR043		
336	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR047		
337	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR040		
338	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR009		
339	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR006		
340	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR008		
341	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR028		
342	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR014		
343	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR022		
344	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR054		
345	03	PALMERTON ZINC	00624	PAD002395887	ADM ORDR050		

	region	site name	siteid	epa id	ratname	start	lodged
346	03	PALMERTON ZINC	0300624	PAD002395887	ADM ORDR001		
347	03	PALMERTON ZINC	0300624	PAD002395887	ADM ORDR031		
348	03	PALMERTON ZINC	0300624	PAD002395887	ADM ORDR052		
349	03	PALMERTON ZINC	0300624	PAD002395887	ADM ORDR026		
350	03	PALMERTON ZINC	0300624	PAD002395887	ADM ORDR057		
351	03	PALMERTON ZINC	0300624	PAD002395887	BANKRUPT001		
352	03	PALMERTON ZINC	0300624	PAD002395887	C DECREE001	3/30/88 12:00 AM	10/17/88 12:00 AM
353	03	PALMERTON ZINC	0300624	PAD002395887	C DECREE002	9/16/2003 12:00 AM	9/25/2003 12:00 AM
354	03	PALMERTON ZINC	0300624	PAD002395887	C DECREE004	3/24/99 12:00 AM	6/9/99 12:00 AM
355	03	PALMERTON ZINC	0300624	PAD002395887	ACT AMND001		
356	03	PALMERTON ZINC	0300624	PAD002395887	UNL ORDR001		
357	03	PALMERTON ZINC	0300624	PAD002395887	UNL ORDR002		
358	03	PALMERTON ZINC	0300624	PAD002395887	UNL ORDR003		
359	03	REVERE CHEMICAL	0300982	PAD051395499	ADM ORDR001		
360	03	REVERE CHEMICAL	0300982	PAD051395499	C DECREE001		11/16/2004 12:00 AM
361	03	REVERE CHEMICAL	0300982	PAD051395499	SETTLMNT002		
362	03	REVERE CHEMICAL	0300982	PAD051395499	SETTLMNT001		
363	03	REVERE CHEMICAL	0300982	PAD051395499	UNL ORDR001		
364	03	REVERE CHEMICAL	0300982	PAD051395499	UNL ORDR003		
365	03	REVERE CHEMICAL	0300982	PAD051395499	UNL ORDR002		
366	03	SALFORD QUARTZ	0301486	PAD980693204	ADM ORDR001		
367	03	SALFORD QUARTZ	0301486	PAD980693204	C DECREE001	3/22/88 12:00 AM	7/24/2001 12:00 AM
368	03	SALFORD QUARTZ	0301486	PAD980693204	SETTLMNT001		
369	03	SALFORD QUARTZ	0301486	PAD980693204	SETTLMNT002		
370	03	SALTVILLE WASTE	0302586	PAD053127578	ADM ORDR001		
371	03	SALTVILLE WASTE	0302586	PAD053127578	C DECREE001	5/23/88 12:00 AM	7/27/88 12:00 AM
372	03	SALTVILLE WASTE	0302586	PAD053127578	C DECREE002	4/15/97 12:00 AM	5/15/97 12:00 AM
373	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	ADM ORDR002		
374	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	ADM ORDR001		
375	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	BANKRUPT001		
376	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	C DECREE007		
377	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	C DECREE005	4/18/96 12:00 AM	4/22/96 12:00 AM
378	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	C DECREE006	9/24/2004 12:00 AM	4/17/2005 12:00 AM
379	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	C DECREE001		12/30/93 12:00 AM
380	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	C DECREE009		7/2/2009 12:00 AM
381	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	C DECREE004	4/18/96 12:00 AM	4/22/96 12:00 AM
382	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	C DECREE002	12/30/87 12:00 AM	12/25/88 12:00 AM
383	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	C DECREE003	9/30/91 12:00 AM	11/25/91 12:00 AM
384	03	SAND, GRAVEL AND BONE	0303166	MDD980705164	C DECREE008		6/6/2005 12:00 AM
385	03	SHARON STEEL	0305913	PAD001933115	ADM ORDR001		
386	03	SHARON STEEL	0305913	PAD001933115	ADM ORDR002		
387	03	SHARON STEEL	0305913	PAD001933115	ADM ORDR002		
388	03	SPELTER ZINC	0305511	WV0000634584	C DECREE001		6/6/2003 12:00 AM
389	03	SPELTER ZINC	0305511	WV0000634584	UNL ORDR001		
390	03	TONOLLI CORP.	0301087	PAD073613663	ADM ORDR002		
391	03	TONOLLI CORP.	0301087	PAD073613663	ADM ORDR005		
392	03	TONOLLI CORP.	0301087	PAD073613663	ADM ORDR001		
393	03	TONOLLI CORP.	0301087	PAD073613663	ADM ORDR003		
394	03	TONOLLI CORP.	0301087	PAD073613663	ADM ORDR004		
395	03	TONOLLI CORP.	0301087	PAD073613663	BANKRUPT001		
396	03	TONOLLI CORP.	0301087	PAD073613663	C DECREE002	1/30/98 12:00 AM	3/4/98 12:00 AM
397	03	TONOLLI CORP.	0301087	PAD073613663	C DECREE001	9/30/93 12:00 AM	10/28/93 12:00 AM
398	03	TONOLLI CORP.	0301087	PAD073613663	ACT AMND002		
399	03	TONOLLI CORP.	0301087	PAD073613663	ACT AMND001		
400	03	TONOLLI CORP.	0301087	PAD073613663	UNL ORDR001		
401	03	U.S. TITANIUM	0302737	VAD980705404	C DECREE002		2/18/91 12:00 AM
402	03	U.S. TITANIUM	0302737	VAD980705404	C DECREE001	9/30/90 12:00 AM	12/4/90 12:00 AM
403	03	U.S. TITANIUM	0302737	VAD980705404	ACT AMND001		
404	03	V & V MINING CO	0305626	VAN000305626	ADM ORDR001		
405	03	V & V MINING CO	0305626	VAN000305626	ACT AMND001		
406	03	V & V MINING CO	0305626	VAN000305626	UNL ORDR001		
407	03	YANKEE STREET NICKEL SITE	0306527	WV0000306627	UNL ORDR001		
408	04	AGRICO CHEMICAL	0400808	FLD980221857	ADM ORDR001		
409	04	AGRICO CHEMICAL	0400808	FLD980221857	ADM ORDR002		
410	04	AGRICO CHEMICAL	0400808	FLD980221857	CON AGMT001		
411	04	AGRICO CHEMICAL	0400808	FLD980221857	C DECREE002	3/28/95 12:00 AM	5/30/95 12:00 AM
412	04	AGRICO CHEMICAL	0400808	FLD980221857	C DECREE001	7/20/93 12:00 AM	2/15/94 12:00 AM
413	04	AMERICAN BRASS	0400829	ALD981868466	CON AGMT001		
414	04	ASHEPOO PHOSPHATE/FERTILIZER	0400833	SEB000108533	ADM ORDR001		

	region	site name	siteid	epa id	ratname	start	lodged
415	04	ASHEPOO PHOSPHATE/FERTILIZER	SP00609	SEB000685373	ADM ORDR002		
416	04	ATLANTIC PHOSPHATE WORKS	SP00678	SSC0002332815	ADM ORDR002		
417	04	ATLANTIC PHOSPHATE WORKS	SP00678	SSC0002332815	ADM ORDR001		
418	04	BREWER GOLD	0406550	SCD987577913	ADMIN CR001		
419	04	BREWER GOLD	0406550	SCD987577913	UNL ORDR001		
420	04	CARALEIGH PHOSPHATE & FERTILIZER	SP00686	TCB000407665	ADM ORDR001		
421	04	CEDARTOWN INDUSTRIES, INC	DO05677	GAD095840674	ADM ORDR001		
422	04	CEDARTOWN INDUSTRIES, INC	DO05677	GAD095840674	C DECREE001	9/30/93 12:00 AM	2/17/94 12:00 AM
423	04	CHEMET CO.	0405468	TND987768546	ADM ORDR001		
424	04	COPPER BASIN DISTRICT	0406603	TN0001890839	ADM ORDR004		
425	04	COPPER BASIN DISTRICT	0406603	TN0001890839	ADM ORDR009		
426	04	COPPER BASIN DISTRICT	0406603	TN0001890839	ADM ORDR003		
427	04	COPPER BASIN DISTRICT	0406603	TN0001890839	ADM ORDR002		
428	04	COPPER BASIN DISTRICT	0406603	TN0001890839	ADM ORDR006		
429	04	COPPER BASIN DISTRICT	0406603	TN0001890839	ADM ORDR008		
430	04	COPPER BASIN DISTRICT	0406603	TN0001890839	ADM ORDR007		
431	04	COPPER BASIN DISTRICT	0406603	TN0001890839	ADM ORDR005		
432	04	COPPER BASIN DISTRICT	0406603	TN0001890839	ACT AMND001		
433	04	CORONET INDUSTRIES	SP00653	FLD001704741	ADM ORDR001		
434	04	ESTECH GENL CHEM CORP	CH02792	NCD051827905	ADM ORDR001		
435	04	ESTECH GENL CHEM CORP	CH02792	NCD051827905	ADM ORDR002		
436	04	FLORIDA STEEL	0200697	FLD050432251	ADM ORDR001		
437	04	FLORIDA STEEL	0200697	FLD050432251	ADMIN CR001		
438	04	FLORIDA STEEL	0200697	FLD050432251	C DECREE002	10/7/94 12:00 AM	1/21/94 12:00 AM
439	04	FLORIDA STEEL	0200697	FLD050432251	C DECREE001	4/8/93 12:00 AM	4/27/93 12:00 AM
440	04	FLOWOOD SITE	0402473	MSD980710941	ADM ORDR001		
441	04	FLOWOOD SITE	0402473	MSD980710941	CON AGMT001		
442	04	FLOWOOD SITE	0402473	MSD980710941	C DECREE001	11/13/89 12:00 AM	11/28/89 12:00 AM
443	04	FLOWOOD SITE	0402473	MSD980710941	UNL ORDR001		
444	04	FORT HARTFORD CO. STONE	0402711	0NB93084875	ADM ORDR001		
445	04	FORT HARTFORD CO. STONE	0402711	0NB93084875	C DECREE001		10/17/2001 12:00 AM
446	04	FORT HARTFORD CO. STONE	0402711	0NB93084875	UNL ORDR001		
447	04	GALLAWAY PITS	0404005	TND980728992	C DECREE001		5/24/96 12:00 AM
448	04	GALLAWAY PITS	0404005	TND980728992	UNL ORDR001		
449	04	GAO 144 - ZONOLONE AD	041E390	GAN000410399	ADM ORDR001		
450	04	GULF STATES STEEL/BLACK CR	0400171	FLD0004014973	ADM ORDR002		
451	04	GULF STATES STEEL/BLACK CR	0400171	FLD0004014973	ADM ORDR001		
452	04	GULF STATES STEEL/BLACK CR	0400171	FLD0004014973	JUDGMENT001		
453	04	HENRY'S KNOB	0407376	SCN000407376	ADM ORDR001		
454	04	HOLTRA CHEM/BIOFERT	0403E59	INC0991278631	ADM ORDR003		
455	04	HOLTRA CHEM/BIOFERT	0403E59	INC0991278631	ADM ORDR004		
456	04	HOLTRA CHEM/BIOFERT	0403E59	INC0991278631	ADM ORDR001		
457	04	HOLTRA CHEM/BIOFERT	0403E59	INC0991278631	ADM ORDR002		
458	04	INTERNATIONAL MINERALS AND	0406E87	SCB0003504931MOM	ADM ORDR002		
459	04	INTERNATIONAL MINERALS AND	0406E87	SCB0003504931MOM	ADM ORDR001		
460	04	INTERNATIONAL MINERALS AND	0406E87	SCB0003504931MOM	ADM ORDR003		
461	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR017		
462	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR009		
463	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR005		
464	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR015		
465	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR002		
466	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR013		
467	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR012		
468	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR016		
469	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR019		
470	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR008		
471	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR006		
472	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR020		
473	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR010		
474	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR007		
475	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR021		
476	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR014		
477	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR011		
478	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR018		
479	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	ADM ORDR003		
480	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	CON AGMT001		
481	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	C DECREE009		8/1/2000 12:00 AM
482	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	C DECREE003		3/7/2000 12:00 AM
483	04	INTERSTATE LEAD (ILCO)	0404324	ALD041906173	C DECREE012		8/1/2000 12:00 AM

	region	site name	siteid	epa_id	ratname	start	lodged
484	04	INTERSTATE LEAD	ALD041906173	C DECREE007		8/1/2000 12:00 AM	
485	04	INTERSTATE LEAD	ALD041906173	C DECREE008		8/1/2000 12:00 AM	
486	04	INTERSTATE LEAD	ALD041906173	C DECREE013		8/1/2000 12:00 AM	
487	04	INTERSTATE LEAD	ALD041906173	C DECREE015		8/1/2000 12:00 AM	
488	04	INTERSTATE LEAD	ALD041906173	C DECREE016		7/11/2001 12:00 AM	
489	04	INTERSTATE LEAD	ALD041906173	C DECREE018	1/22/2002 12:00 AM	1/22/2002 12:00 AM	
490	04	INTERSTATE LEAD	ALD041906173	C DECREE004		3/7/2000 12:00 AM	
491	04	INTERSTATE LEAD	ALD041906173	C DECREE017		7/11/2001 12:00 AM	
492	04	INTERSTATE LEAD	ALD041906173	C DECREE001	9/30/96 12:00 AM	1/2/97 12:00 AM	
493	04	INTERSTATE LEAD	ALD041906173	C DECREE010		8/1/2000 12:00 AM	
494	04	INTERSTATE LEAD	ALD041906173	C DECREE014		8/1/2000 12:00 AM	
495	04	INTERSTATE LEAD	ALD041906173	C DECREE002		3/7/2000 12:00 AM	
496	04	INTERSTATE LEAD	ALD041906173	C DECREE005		3/7/2000 12:00 AM	
497	04	INTERSTATE LEAD	ALD041906173	C DECREE006		3/7/2000 12:00 AM	
498	04	INTERSTATE LEAD	ALD041906173	C DECREE011		8/1/2000 12:00 AM	
499	04	INTERSTATE LEAD	ALD041906173	JUDGMENT002			
500	04	INTERSTATE LEAD	ALD041906173	JUDGMENT001			
501	04	INTERSTATE LEAD	ALD041906173	UNL ORDR001			
502	04	LCP CHEMICALS	GAD099303182	ADM ORDR001			
503	04	LCP CHEMICALS	GAD099303182	ADM ORDR003			
504	04	LCP CHEMICALS	GAD099303182	ADM ORDR002			
505	04	LCP CHEMICALS	GAD099303182	ADMIN CR001			
506	04	LCP CHEMICALS	GAD099303182	UNL ORDR001			
507	04	LEWISBURG DU	TND980729115	ADM ORDR001			
508	04	LEWISBURG DU	TND980729115	CON AGMT001			
509	04	LEWISBURG DU	TND980729115	C DECREE001	3/15/91 12:00 AM	6/14/91 12:00 AM	
510	04	MACALLOY CORP	SCD003360476	ADM ORDR002			
511	04	MACALLOY CORP	SCD003360476	ADM ORDR001			
512	04	MACALLOY CORP	SCD003360476	C DECREE001	4/6/2004 12:00 AM	4/16/2004 12:00 AM	
513	04	MONSANTO CORP	ALD001700699	ADM ORDR001			
514	04	MONSANTO CORP	ALD001700699	C DECREE001	3/29/91 12:00 AM	7/17/91 12:00 AM	
515	04	NATIONAL SOUTH	KYD000062375	ADM ORDR002			
516	04	NATIONAL SOUTH	KYD000062375	ADM ORDR001			
517	04	NATIONAL SOUTH	KYD000062375	C DECREE002	8/17/2001 12:00 AM	10/24/2001 12:00 AM	
518	04	NATIONAL SOUTH	KYD000062375	C DECREE001	10/14/93 12:00 AM	12/16/93 12:00 AM	
519	04	NORTHEAST CHEM	NCN000409895	ADM ORDR002			
520	04	NORTHEAST CHEM	NCN000409895	ADM ORDR001			
521	04	OLIN CORP. (MO	ALD008188708	ADM ORDR001			
522	04	OLIN CORP. (MO	ALD008188708	C DECREE001	6/29/95 12:00 AM	7/5/95 12:00 AM	
523	04	ORE KNOB MINE	NCN000409895	ADM ORDR001			
524	04	ORE KNOB MINE	NCN000409895	ADM ORDR002			
525	04	PADUCAH GASE	KYD000085820	ADM ORDR001			
526	04	PIONEER SAND	FLD056116965	C DECREE001	4/23/88 12:00 AM	7/8/88 12:00 AM	
527	04	POWERSVILLE	GAD980496954	ADM ORDR002			
528	04	POWERSVILLE	GAD980496954	ADM ORDR001			
529	04	POWERSVILLE	GAD980496954	C DECREE001	5/23/88 12:00 AM	9/29/88 12:00 AM	
530	04	PUCKETT SMELT	ALN980824000	ADM ORDR001			
531	04	ROSS METALS	TND096070396	ADM ORDR001			
532	04	ROSS METALS	TND096070396	BANKRUPT001			
533	04	STARMET CMI	SCD987570405	ADM ORDR001			
534	04	STARMET CMI	SCD987570405	ADM ORDR003			
535	04	STARMET CMI	SCD987570405	ADM ORDR004			
536	04	STARMET CMI	SCD987570405	ADM ORDR002			
537	04	STAUFFER CHEM	ALD008188708	ADM ORDR001			
538	04	STAUFFER CHEM	ALD008188708	ADM ORDR002			
539	04	STAUFFER CHEM	ALD008188708	C DECREE003	5/2/2000 12:00 AM	10/10/2000 12:00 AM	
540	04	STAUFFER CHEM	ALD008188708	C DECREE001	1/5/90 12:00 AM	2/28/90 12:00 AM	
541	04	STAUFFER CHEM	ALD008188708	JUDGMENT001			
542	04	STAUFFER CHEM	ALD008188708	ADM ORDR003			
543	04	STAUFFER CHEM	ALD008188708	ADM ORDR001			
544	04	STAUFFER CHEM	ALD008188708	ADM ORDR004			
545	04	STAUFFER CHEM	ALD008188708	ADM ORDR002			
546	04	STAUFFER CHEM	ALD008188708	ADMIN CR002			
547	04	STAUFFER CHEM	ALD008188708	ADMIN CR001			
548	04	STAUFFER CHEM	ALD008188708	C DECREE001	6/2/2005 12:00 AM	6/2/2005 12:00 AM	
549	04	STAUFFER CHEM	ALD008188708	C DECREE002	2/25/99 12:00 AM		
550	04	STONO PHOSPH	SC0002316404	ADM ORDR001			
551	04	STONO PHOSPH	SC0002316404	ADM ORDR002			
552	04	SWIFT AGRI-CHE	SCD058181991	ADM ORDR001			

	region	site name	siteid	epa id	ratname	start	lodged
553	04	SWIFT AGRI-CH	540830RP	SCD058181991	ADM ORDR002		
554	04	SYDNEY MINE	S040671PONDS	FLD000648055	ADM ORDR001		
555	04	SYDNEY MINE	S040671PONDS	FLD000648055	UNL ORDR002		
556	04	SYDNEY MINE	S040671PONDS	FLD000648055	UNL ORDR001		
557	04	UNIMIN MINE FIRE	RE10317	NCD097358766	ADMIN CR001		
558	04	VIRGINIA CAROL	0407494	SCD000007494	ADM ORDR001		
559	04	VIRGINIA CAROL	0407494	SCD000007494	ADM ORDR001		
560	04	VIRGINIA CAROL	0405892	ALC08308113A	UNL ORDR001		
561	04	VIRGINIA CAROL	0409897	SCS123451002	ADM ORDR001		
562	04	VIRGINIA CAROL	0407235	SCD000007235	ADM ORDR001		
563	04	VIRGINIA CAROL	0404016	SCD000004016	ADM ORDR001		
564	04	VIRGINIA CAROL	0407239	SCD000007239	ADM ORDR001		
565	04	VIRGINIA CAROL	0407239	SCD000007239	ADM ORDR001		
566	04	VIRGINIA CAROL	0407239	SCD000007239	ADM ORDR001		
567	04	W. R. GRACE -	GA07446	KYN000407413	ADM ORDR001		
568	04	W. R. GRACE -	GA07446	KYN000407413	JUDGMENT001		
569	04	WEST CAROLINA	940563TING	NCD981929979	UNL ORDR001		
570	04	WRIGLEY CHAR	040404PLANT	TND980844781	C DECREE001		2/8/2002 12:00 AM
571	04	WRIGLEY CHAR	040404PLANT	TND980844781	UNL ORDR001		
572	05	ABINGDON POT	050219	ILN000510219	ADM ORDR001		
573	05	ALCOA PROPER	05083010	ILSFN0508010	ADM ORDR001		
574	05	ALLIED CHEMICA	9508336	COKE043730217	ADM ORDR002		
575	05	ALLIED CHEMICA	9508336	COKE043730217	ADM ORDR003		
576	05	ALLIED CHEMICA	9508336	COKE043730217	ADM ORDR001		
577	05	ALLIED CHEMICA	9508336	COKE043730217	C DECREE003	1/5/2010 12:00 AM	9/31/2010 12:00 AM
578	05	ALLIED CHEMICA	9508336	COKE043730217	C DECREE002		9/28/2001 12:00 AM
579	05	ALLIED CHEMICA	9508336	COKE043730217	C DECREE001		9/28/2001 12:00 AM
580	05	ALLIED CHEMICA	9508336	COKE043730217	UNL ORDR001		
581	05	ALLIED CHEMICA	9508336	COKE043730217	UNL ORDR002		
582	05	ALLIS CHALMER	0505672	WHD982071839	ADMIN CR001		
583	05	ALSCO ANACON	0504385	OHD057243610	ADM ORDR001		
584	05	ALSCO ANACON	0504385	OHD057243610	C DECREE001		5/4/2001 12:00 AM
585	05	ALSCO ANACON	0504385	OHD057243610	UNL ORDR002		
586	05	ALSCO ANACON	0504385	OHD057243610	UNL ORDR001		
587	05	AMACOR MAGNE	0509962	INN000509962	ADM ORDR001		
588	05	AMERICAN LEAD	050063	MND980606404	ADM ORDR001		
589	05	AMERICAN LEAD	050063	MND980606404	ADM ORDR002		
590	05	AMERICAN LEAD	050063	MND980606404	JUDGMENT001		
591	05	AMERICAN LEAD	050063	MND980606404	UNL ORDR001		
592	05	ARMCO INCORP	0504138	IND001470530	ADM ORDR001		
593	05	ASARCO TAYLO	0508370	ILN000508170	ADM ORDR001		
594	05	ASARCO TAYLO	0508370	ILN000508170	ADM ORDR002		
595	05	ASARCO TAYLO	0508370	ILN000508170	C DECREE002		3/19/2009 12:00 AM
596	05	BAUTSCH-GRAY	051047	ILN000510407	ADM ORDR001		
597	05	BAUTSCH-GRAY	051047	ILN000510407	UNL ORDR001		
598	05	BENNETT STONE	0501243	IND006418651	C DECREE001		8/22/85 12:00 AM
599	05	BENNETT STONE	0501243	IND006418651	ACT AMND001		
600	05	BENNETT STONE	0501243	IND006418651	JUDGMENT001		
601	05	BENNETT STONE	0501243	IND006418651	JUDGMENT002		
602	05	BIG D CAMPGR	0504384	OHD980611735	C DECREE001		2/28/94 12:00 AM
603	05	BIG D CAMPGR	0504384	OHD980611735	UNL ORDR001		
604	05	CIRCLE SMELTI	0500359	ILD050231976	ADM ORDR001		
605	05	CIRCLE SMELTI	0500359	ILD050231976	ADM ORDR002		
606	05	CIRCLE SMELTI	0500359	ILD050231976	CON AGMT001		
607	05	CIRCLE SMELTI	0500359	ILD050231976	C DECREE002		3/19/2009 12:00 AM
608	05	CIRCLE SMELTI	0500359	ILD050231976	C DECREE001		3/19/2009 12:00 AM
609	05	CIRCLE SMELTI	0500359	ILD050231976	ACT AMND001		
610	05	CIRCLE SMELTI	0500359	ILD050231976	UNL ORDR001		
611	05	CONTINENTAL	0505228	IND001213503	UNL ORDR001		
612	05	DIAMOND SHAM	0504396	IND001213503	ADM ORDR001		
613	05	EAGLE ZINC CO	050648	IND980606941	ADM ORDR001		
614	05	EAGLE ZINC CO	050648	IND980606941	C DECREE001	3/25/2008 12:00 AM	3/31/2008 12:00 AM
615	05	FEED MATERIAL	050930	CHEN98080976	ADM ORDR001		
616	05	FIELDS BROOK	0504723	OHD980614572	ADM ORDR006		
617	05	FIELDS BROOK	0504723	OHD980614572	C DECREE001	3/25/91 12:00 AM	5/14/91 12:00 AM
618	05	FIELDS BROOK	0504723	OHD980614572	C DECREE003	4/22/99 12:00 AM	5/14/99 12:00 AM
619	05	FIELDS BROOK	0504723	OHD980614572	C DECREE002	4/22/99 12:00 AM	5/14/99 12:00 AM
620	05	FIELDS BROOK	0504723	OHD980614572	UNL ORDR008		
621	05	FIELDS BROOK	0504723	OHD980614572	UNL ORDR005		

	region	site name	siteid	epa id	ratname	start	lodged
691	05	TAR LAKE	0503024	MID980794655	UNL ORDR002		
692	05	TAR LAKE	0503024	MID980794655	UNL ORDR003		
693	05	TIGER METAL SERVICES INCORPORATED	0504225	MID980794625	ADM ORDR001		
694	05	TORCH LAKE	0503034	MID980901946	ADM ORDR002		
695	05	TORCH LAKE	0503034	MID980901946	ADM ORDR001		
696	05	TORCH LAKE	0503034	MID980901946	ADM ORDR003		
697	05	TORCH LAKE	0503034	MID980901946	C DECREE001	8/15/95 12:00 AM	
698	05	TORCH LAKE	0503034	MID980901946	C DECREE002		6/17/97 12:00 AM
699	05	TORCH LAKE	0503034	MID980901946	UNL ORDR004		
700	05	TORCH LAKE	0503034	MID980901946	UNL ORDR005		
701	05	TORCH LAKE	0503034	MID980901946	UNL ORDR002		
702	05	TORCH LAKE	0503034	MID980901946	UNL ORDR003		
703	05	TORCH LAKE	0503034	MID980901946	UNL ORDR001		
704	05	TRINITY	0510223	OHN000510223	ADM ORDR001		
705	05	TRW, INC. (MINERALS ABTANT)	0504128	OHD004179339	C DECREE002		5/9/86 12:00 AM
706	05	TRW, INC. (MINERALS ABTANT)	0504128	OHD004179339	C DECREE001		6/5/85 12:00 AM
707	05	VULCAN-LOUISVILLE MELTING	0506361	CON97271563	ADM ORDR001		
708	05	VULCAN-LOUISVILLE MELTING	0506361	CON97271563	CON AGMT001		
709	05	VULCAN-LOUISVILLE MELTING	0506361	CON97271563	C DECREE001		
710	05	VULCAN-LOUISVILLE MELTING	0506361	CON97271563	UNL ORDR001		
711	05	WAUCONDA SAND GRAVEL	0508332	ILD047019732	ADM ORDR001		
712	05	WAUCONDA SAND GRAVEL	0508332	ILD047019732	CON AGMT001		
713	05	WAUCONDA SAND GRAVEL	0508332	ILD047019732	C DECREE003	4/3/2007 12:00 AM	5/10/2007 12:00 AM
714	05	WAUCONDA SAND GRAVEL	0508332	ILD047019732	C DECREE001		12/23/93 12:00 AM
715	05	WAUCONDA SAND GRAVEL	0508332	ILD047019732	JUDGMENT001		
716	05	WAUCONDA SAND GRAVEL	0508332	ILD047019732	UNL ORDR001		
717	05	WAUCONDA SAND GRAVEL	0508332	ILD047019732	UNL ORDR002		
718	05	WESTERN MINERALS PRODUCTS	0508058	MNN000508056	ADM ORDR001		
719	05	WESTERN MINERALS PRODUCTS	0508058	MNN000508056	JUDGMENT001		
720	05	WHEELER PIT	0505115	WID980610620	ADM ORDR001		
721	05	WHEELER PIT	0505115	WID980610620	BANKRUPT001		
722	05	WHEELER PIT	0505115	WID980610620	C DECREE001		7/14/98 12:00 AM
723	05	WHEELER PIT	0505115	WID980610620	UNL ORDR001		
724	06	ALCOA (POINT CHERRY)/LAVATA	0601702	TXD980123168	ADM ORDR001		
725	06	ALCOA (POINT CHERRY)/LAVATA	0601702	TXD980123168	C DECREE001	10/19/2004 12:00 AM	12/10/2004 12:00 AM
726	06	BRINE SERVICE MANY	0608260	TX0000605264	ADM ORDR001		
727	06	CHEVRON QUEPASA	0608008	NMD002899094	ADM ORDR001		
728	06	CHEVRON QUEPASA	0608008	NMD002899094	ADM ORDR002		
729	06	CLEVE REBER	0600512	LAD980501456	ADM ORDR001		
730	06	CLEVE REBER	0600512	LAD980501456	JUDGMENT001		
731	06	CLEVE REBER	0600512	LAD980501456	UNL ORDR001		
732	06	CLEVE REBER	0600512	LAD980501456	UNL ORDR002		
733	06	CLEVELAND MILLS	0600952	NMD981155930	ADM ORDR001		
734	06	CLEVELAND MILLS	0600952	NMD981155930	C DECREE001	1/19/95 12:00 AM	3/13/95 12:00 AM
735	06	COMPASS INDUSTRIES (AVERY)	0601258	ORD980620983	C DECREE001		12/3/91 12:00 AM
736	06	COMPASS INDUSTRIES (AVERY)	0601258	ORD980620983	JUDGMENT001		
737	06	COMPASS INDUSTRIES (AVERY)	0601258	ORD980620983	UNL ORDR001		
738	06	D.L. MUD, INC.	0600647	LAD981058019	ADM ORDR001		
739	06	D.L. MUD, INC.	0600647	LAD981058019	ADM ORDR002		
740	06	D.L. MUD, INC.	0600647	LAD981058019	C DECREE001	9/17/97 12:00 AM	3/19/98 12:00 AM
741	06	FRENCH, LTD.	0602498	TXD980514814	ADM ORDR001		
742	06	FRENCH, LTD.	0602498	TXD980514814	ADM ORDR004		
743	06	FRENCH, LTD.	0602498	TXD980514814	ADM ORDR005		
744	06	FRENCH, LTD.	0602498	TXD980514814	ADM ORDR002		
745	06	FRENCH, LTD.	0602498	TXD980514814	ADM ORDR003		
746	06	FRENCH, LTD.	0602498	TXD980514814	C DECREE001		2/14/86 12:00 AM
747	06	FRENCH, LTD.	0602498	TXD980514814	C DECREE003	12/12/88 12:00 AM	7/31/89 12:00 AM
748	06	FRENCH, LTD.	0602498	TXD980514814	C DECREE002		12/10/92 12:00 AM
749	06	FRENCH, LTD.	0602498	TXD980514814	JUDGMENT001		
750	06	GULF NUCLEAR	0605258	TX0000605258	ADM ORDR001		
751	06	GULF NUCLEAR	0605258	TX0000605258	C DECREE001		8/23/2010 12:00 AM
752	06	GULF NUCLEAR	0605258	TX0000605258	JUDGMENT001		
753	06	GULF NUCLEAR DAVENOR SITE	0605455	EXN000605455	ADM ORDR001		
754	06	HOMESTAKE MINES	0608006	NMD007860935	ADM ORDR001		
755	06	HOMESTAKE MINES	0608006	NMD007860935	C DECREE001		6/24/83 12:00 AM
756	06	MANY DIVERSIFIED RESTS, TX	0605008	TX00008083404	ADM ORDR001		
757	06	MANY DIVERSIFIED RESTS, TX	0605008	TX00008083404	C DECREE001		3/18/2011 12:00 AM
758	06	MANY DIVERSIFIED RESTS, TX	0605008	TX00008083404	ACT AMND001		
759	06	MANY DIVERSIFIED RESTS, TX	0605008	TX00008083404	JUDGMENT001		

	region	site name	siteid	epa id	ratname	start	lodged
760	06	MANY DIVERSIFIED INDUSTRIES	0603008	TXD0008083404	UNL ORDR001		
761	06	NATIONAL ZINC CORPORATION	0603010	OKD000829440	ADM ORDR001		
762	06	NATIONAL ZINC CORPORATION	0603010	OKD000829440	UNL ORDR001		
763	06	ROCKWOOL INDUSTRIES INC.	0605001	TXD066379645	UNL ORDR001		
764	06	RSR CORPORATION	0601297	TXD079348397	ADM ORDR004		
765	06	RSR CORPORATION	0601297	TXD079348397	ADM ORDR001		
766	06	RSR CORPORATION	0601297	TXD079348397	ADM ORDR005		
767	06	RSR CORPORATION	0601297	TXD079348397	ADM ORDR006		
768	06	RSR CORPORATION	0601297	TXD079348397	ADM ORDR002		
769	06	RSR CORPORATION	0601297	TXD079348397	ADM ORDR003		
770	06	RSR CORPORATION	0601297	TXD079348397	ADMIN CR001		
771	06	RSR CORPORATION	0601297	TXD079348397	C DECREE004	3/7/2003 12:00 AM	11/15/2003 12:00 AM
772	06	RSR CORPORATION	0601297	TXD079348397	C DECREE003	6/23/99 12:00 AM	9/21/99 12:00 AM
773	06	RSR CORPORATION	0601297	TXD079348397	C DECREE005		1/11/2008 12:00 AM
774	06	RSR CORPORATION	0601297	TXD079348397	C DECREE001	2/6/98 12:00 AM	5/29/98 12:00 AM
775	06	RSR CORPORATION	0601297	TXD079348397	C DECREE002	7/9/99 12:00 AM	9/21/99 12:00 AM
776	06	RSR CORPORATION	0601297	TXD079348397	ACT AMND001		
777	06	RSR CORPORATION	0601297	TXD079348397	UNL ORDR002		
778	06	RSR CORPORATION	0601297	TXD079348397	UNL ORDR001		
779	06	RUSTON FOUNDATION	0604348	LAD985185107	C DECREE001	9/21/2007 12:00 AM	10/31/2007 12:00 AM
780	06	STEPHENSON - BENNETT MINE	0601178	NMD986684231	JUDGMENT001		
781	06	STEPHENSON - BENNETT MINE	0601178	NMD986684231	UNL ORDR001		
782	06	TAR CREEK (OT) TARRANT COUNTY	0601260	OKD980629844	ADM ORDR001		
783	06	TAR CREEK (OT) TARRANT COUNTY	0601260	OKD980629844	CON AGMT001		
784	06	TAR CREEK (OT) TARRANT COUNTY	0601260	OKD980629844	C DECREE001		4/25/91 12:00 AM
785	06	TAR CREEK (OT) TARRANT COUNTY	0601260	OKD980629844	JUDGMENT001		
786	06	TEX-TIN CORP.	0602105	TXD062113329	ADM ORDR001		
787	06	TEX-TIN CORP.	0602105	TXD062113329	CON AGMT001		
788	06	TEX-TIN CORP.	0602105	TXD062113329	C DECREE001	9/17/97 12:00 AM	9/25/97 12:00 AM
789	06	TEX-TIN CORP.	0602105	TXD062113329	C DECREE005	5/26/2000 12:00 AM	5/5/2000 12:00 AM
790	06	TEX-TIN CORP.	0602105	TXD062113329	C DECREE006	5/15/2007 12:00 AM	5/24/2007 12:00 AM
791	06	TEX-TIN CORP.	0602105	TXD062113329	C DECREE003	3/2/2000 12:00 AM	9/13/2000 12:00 AM
792	06	TEX-TIN CORP.	0602105	TXD062113329	C DECREE002	8/12/99 12:00 AM	12/1/99 12:00 AM
793	06	TEX-TIN CORP.	0602105	TXD062113329	C DECREE004	4/28/2000 12:00 AM	5/5/2000 12:00 AM
794	06	TEX-TIN CORP.	0602105	TXD062113329	UNL ORDR002		
795	06	TEX-TIN CORP.	0602105	TXD062113329	UNL ORDR001		
796	06	TULSA FUEL AND MANUFACTURING	0604674	OKD987096195	UNL ORDR001		
797	06	UNITED NUCLEAR CORP.	0600899	NMD030443303	UNL ORDR001		
798	06	WEBSTER - GULF ISLANDS	0605420	TX0000605420	ADM ORDR001		
799	06	WEBSTER - GULF ISLANDS	0605420	TX0000605420	C DECREE001		8/23/2010 12:00 AM
800	06	WEBSTER - GULF ISLANDS	0605420	TX0000605420	C DECREE002		6/14/2011 12:00 AM
801	06	WEBSTER - GULF ISLANDS	0605420	TX0000605420	C DECREE003		10/5/2011 12:00 AM
802	07	ALUMINUM COMPANY OF AMERICA	0700080	TX000527019	ADM ORDR003		
803	07	ALUMINUM COMPANY OF AMERICA	0700080	TX000527019	ADM ORDR001		
804	07	ALUMINUM COMPANY OF AMERICA	0700080	TX000527019	ADM ORDR004		
805	07	ALUMINUM COMPANY OF AMERICA	0700080	TX000527019	ADM ORDR002		
806	07	ALUMINUM COMPANY OF AMERICA	0700080	TX000527019	DECREE001	8/28/2008 12:00 AM	11/15/2008 12:00 AM
807	07	AMERICAN ZINC & LEAD SMELTING	0702345	KSD980741862	ADM ORDR002		
808	07	AMERICAN ZINC & LEAD SMELTING	0702345	KSD980741862	ADM ORDR001		
809	07	BIG RIVER MINES/ST. JOE	0701896	TX000527019	ADM ORDR010		
810	07	BIG RIVER MINES/ST. JOE	0701896	TX000527019	ADM ORDR001		
811	07	BIG RIVER MINES/ST. JOE	0701896	TX000527019	ADM ORDR002		
812	07	BIG RIVER MINES/ST. JOE	0701896	TX000527019	ADM ORDR009		
813	07	BIG RIVER MINES/ST. JOE	0701896	TX000527019	CON AGMT001		
814	07	BIG RIVER MINES/ST. JOE	0701896	TX000527019	JUDGMENT001		
815	07	BONNE TERRE MINES/ST. JOE	0702781	MOD985818236	ADM ORDR003		
816	07	BONNE TERRE MINES/ST. JOE	0702781	MOD985818236	ADM ORDR001		
817	07	BONNE TERRE MINES/ST. JOE	0702781	MOD985818236	ADM ORDR002		
818	07	BONNE TERRE MINES/ST. JOE	0702781	MOD985818236	CON AGMT001		
819	07	BONNE TERRE MINES/ST. JOE	0702781	MOD985818236	CON AGMT002		
820	07	CHEROKEE COAL	0700667	KSD980741862	ADM ORDR002		
821	07	CHEROKEE COAL	0700667	KSD980741862	ADM ORDR001		
822	07	CHEROKEE COAL	0700667	KSD980741862	ADM ORDR003		
823	07	CHEROKEE COAL	0700667	KSD980741862	C DECREE004		9/30/99 12:00 AM
824	07	CHEROKEE COAL	0700667	KSD980741862	C DECREE010	12/4/2006 12:00 AM	11/28/2007 12:00 AM
825	07	CHEROKEE COAL	0700667	KSD980741862	C DECREE007	12/4/2006 12:00 AM	11/18/2007 12:00 AM
826	07	CHEROKEE COAL	0700667	KSD980741862	C DECREE006		
827	07	CHEROKEE COAL	0700667	KSD980741862	C DECREE001		2/17/93 12:00 AM
828	07	CHEROKEE COAL	0700667	KSD980741862	C DECREE005		3/28/95 12:00 AM

	region	site name	siteid	epa id	ratname	start	lodged
829	07	CHEROKEE CO	0700667	KSD980741862	JUDGMENT001		
830	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR001		
831	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR011		
832	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR008		
833	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR005		
834	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR006		
835	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR004		
836	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR012		
837	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR009		
838	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR003		
839	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR002		
840	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR007		
841	07	CHEROKEE CO	0700667	KSD980741862	UNL ORDR010		
842	07	ELVINS MINE T	0700239	MOD985818244	ADM ORDR001		
843	07	ELVINS MINE T	0700239	MOD985818244	UNL ORDR001		
844	07	FEDERAL MINE	07002806S	MOD985808070	ADM ORDR001		
845	07	FEDERAL MINE	07002806S	MOD985808070	ADM ORDR003		
846	07	FEDERAL MINE	07002806S	MOD985808070	ADM ORDR002		
847	07	FEDERAL MINE	07002806S	MOD985808070	JUDGMENT001		
848	07	HERCULANEUM	07002795MELTER	MSDB06266373	ADM ORDR002		
849	07	HERCULANEUM	07002795MELTER	MSDB06266373	ADM ORDR001		
850	07	HERCULANEUM	07002795MELTER	MSDB06266373	ADM ORDR003		
851	07	HERCULANEUM	07002795MELTER	MSDB06266373	UNL ORDR001		
852	07	HIGHWAY OO L	07005438	MON000705438	ADM ORDR001		
853	07	LAWRENCE TO	0700038M	IAD000606038	ADM ORDR001		
854	07	LAWRENCE TO	0700038M	IAD000606038	C DECREE001	9/28/89 12:00 AM	12/18/89 12:00 AM
855	07	LEADWOOD MINE	07002786S	MOD985818210	ADM ORDR002		
856	07	LEADWOOD MINE	07002786S	MOD985818210	UNL ORDR001		
857	07	LEHIGH PORTLA	0700006M	COAD005288634	ADM ORDR001		
858	07	LEHIGH PORTLA	0700006M	COAD005288634	ACT AMND001		
859	07	LEHIGH PORTLA	0700006M	COAD005288634	UNL ORDR001		
860	07	MADISON COUNT	0700100ES	MOD098633415	ADM ORDR005		
861	07	MADISON COUNT	0700100ES	MOD098633415	ADM ORDR008		
862	07	MADISON COUNT	0700100ES	MOD098633415	JUDGMENT001		
863	07	MADISON COUNT	0700100ES	MOD098633415	UNL ORDR001		
864	07	NATIONAL MINE	07002787S	MOD985818228	ADM ORDR001		
865	07	NATIONAL MINE	07002787S	MOD985818228	CON AGMT001		
866	07	NATIONAL MINE	07002787S	MOD985818228	CON AGMT002		
867	07	NATIONAL MINE	07002787S	MOD985818228	UNL ORDR001		
868	07	NATIONAL ZINC	07000558	KSD980406698	C DECREE001		1/9/2009 12:00 AM
869	07	NEWTON COUNT	0700035E TAILING	SSD981507585	ADM ORDR001		
870	07	NEWTON COUNT	0700035E TAILING	SSD981507585	CON AGMT001		
871	07	NEWTON COUNT	0700035E TAILING	SSD981507585	C DECREE003	9/7/2011 12:00 AM	10/18/2011 12:00 AM
872	07	NEWTON COUNT	0700035E TAILING	SSD981507585	C DECREE004	6/24/2010 12:00 AM	7/4/2010 12:00 AM
873	07	NEWTON COUNT	0700035E TAILING	SSD981507585	C DECREE001	6/12/2002 12:00 AM	10/10/2003 12:00 AM
874	07	NEWTON COUNT	0700035E TAILING	SSD981507585	C DECREE002	11/22/2006 12:00 AM	12/12/2006 12:00 AM
875	07	NEWTON COUNT	0700035E TAILING	SSD981507585	JUDGMENT001		
876	07	NEWTON COUNT	0700035E TAILING	SSD981507585	UNL ORDR001		
877	07	NEWTON COUNT	0700035E TAILING	SSD981507585	UNL ORDR002		
878	07	NORTHWESTER	07000324S PORTLAND CEMENT	IAD980352438	C DECREE001	5/21/91 12:00 AM	8/9/91 12:00 AM
879	07	OMAHA LEAD	0703481	NESFN0703481	CON AGMT001		
880	07	OMAHA LEAD	0703481	NESFN0703481	C DECREE003	5/27/2011 12:00 AM	6/1/2011 12:00 AM
881	07	OMAHA LEAD	0703481	NESFN0703481	C DECREE002	5/24/2011 12:00 AM	6/1/2011 12:00 AM
882	07	OMAHA LEAD	0703481	NESFN0703481	C DECREE004	1/19/2012 12:00 AM	2/9/2012 12:00 AM
883	07	OMAHA LEAD	0703481	NESFN0703481	JUDGMENT001		
884	07	OMAHA LEAD	0703481	NESFN0703481	UNL ORDR001		
885	07	OMAHA LEAD	0703481	NESFN0703481	UNL ORDR002		
886	07	OMAHA LEAD	0703481	NESFN0703481	UNL ORDR004		
887	07	OMAHA LEAD	0703481	NESFN0703481	UNL ORDR003		
888	07	ORONOGO-DUE	07000290MINING	BKDD980686281	ADM ORDR001		
889	07	ORONOGO-DUE	07000290MINING	BKDD980686281	ADM ORDR002		
890	07	ORONOGO-DUE	07000290MINING	BKDD980686281	CON AGMT001		
891	07	ORONOGO-DUE	07000290MINING	BKDD980686281	CON AGMT003		
892	07	ORONOGO-DUE	07000290MINING	BKDD980686281	CON AGMT002		
893	07	ORONOGO-DUE	07000290MINING	BKDD980686281	C DECREE005	9/2/2008 12:00 AM	11/10/2008 12:00 AM
894	07	ORONOGO-DUE	07000290MINING	BKDD980686281	C DECREE001		3/28/95 12:00 AM
895	07	ORONOGO-DUE	07000290MINING	BKDD980686281	C DECREE008	7/15/2009 12:00 AM	8/20/2009 12:00 AM
896	07	ORONOGO-DUE	07000290MINING	BKDD980686281	C DECREE002	4/19/2000 12:00 AM	5/26/2000 12:00 AM
897	07	ORONOGO-DUE	07000290MINING	BKDD980686281	C DECREE006	9/30/2008 12:00 AM	10/10/2008 12:00 AM

	region	site name	siteid	epa id	ratname	start	lodged
898	07	ORONOGO-DUE	0701290	MINING BMD980686281	C DECREE004	7/18/96 12:00 AM	10/1/96 12:00 AM
899	07	ORONOGO-DUE	0701290	MINING BMD980686281	C DECREE007	7/15/2009 12:00 AM	8/20/2009 12:00 AM
900	07	ORONOGO-DUE	0701290	MINING BMD980686281	JUDGMENT001		
901	07	ORONOGO-DUE	0701290	MINING BMD980686281	UNL ORDR001		
902	07	ORONOGO-DUE	0701290	MINING BMD980686281	UNL ORDR004		
903	07	ORONOGO-DUE	0701290	MINING BMD980686281	UNL ORDR002		
904	07	ORONOGO-DUE	0701290	MINING BMD980686281	UNL ORDR003		
905	07	ST JOE MINERA	0800778	P - VIBURNUM MTD000823252	ADM ORDR001		
906	07	ST JOE MINERA	0800778	P - VIBURNUM MTD000823252	ADM ORDR002		
907	07	VIBURNUM TRE	0704445	HAUL ROADS0704445	ADM ORDR001		
908	07	VIBURNUM TRE	0704445	HAUL ROADS0704445	ADM ORDR002		
909	07	VIBURNUM TRE	0704445	HAUL ROADS0704445	CON AGMT001		
910	07	VIBURNUM TRE	0704445	HAUL ROADS0704445	UNL ORDR001		
911	07	WELDON SPRING	0701290	QUARRY/PLANT BMD980686281	ADM ORDR001		
912	08	ACM SMELTER	0801202	REFINERY MTD093291599	ADM ORDR001		
913	08	ACM SMELTER	0801202	REFINERY MTD093291599	UNL ORDR001		
914	08	AMERICAN FOR	0801228	CASTLETON/UNIT MTD093291599	ADM ORDR001		
915	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR008		
916	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR012		
917	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR005		
918	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR001		
919	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR013		
920	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR017		
921	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR006		
922	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR002		
923	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR016		
924	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR007		
925	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR018		
926	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR003		
927	08	ANACONDA CO	0801202	BER MTD093291656	ADM ORDR004		
928	08	ANACONDA CO	0801202	BER MTD093291656	CON AGMT001		
929	08	ANACONDA CO	0801202	BER MTD093291656	C DECREE004		11/4/2004 12:00 AM
930	08	ANACONDA CO	0801202	BER MTD093291656	C DECREE001	9/30/87 12:00 AM	4/14/88 12:00 AM
931	08	ANACONDA CO	0801202	BER MTD093291656	C DECREE002	9/4/92 12:00 AM	10/20/92 12:00 AM
932	08	ANACONDA CO	0801202	BER MTD093291656	C DECREE003		7/22/96 12:00 AM
933	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND019		
934	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND004		
935	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND008		
936	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND005		
937	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND029		
938	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND003		
939	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND020		
940	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND011		
941	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND023		
942	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND018		
943	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND007		
944	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND014		
945	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND028		
946	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND016		
947	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND002		
948	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND010		
949	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND025		
950	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND027		
951	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND006		
952	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND022		
953	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND012		
954	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND017		
955	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND026		
956	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND024		
957	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND009		
958	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND015		
959	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND013		
960	08	ANACONDA CO	0801202	BER MTD093291656	ACT AMND021		
961	08	ANACONDA CO	0801202	BER MTD093291656	UNL ORDR004		
962	08	ANACONDA CO	0801202	BER MTD093291656	UNL ORDR009		
963	08	ANACONDA CO	0801202	BER MTD093291656	UNL ORDR008		
964	08	ANACONDA CO	0801202	BER MTD093291656	UNL ORDR011		
965	08	ANACONDA CO	0801202	BER MTD093291656	UNL ORDR005		
966	08	ANACONDA CO	0801202	BER MTD093291656	UNL ORDR010		

	region	site name	siteid	epa_id	ratname	start	lodged
967	08	ANACONDA CO	0801208	MTD093291656	UNL ORDR007		
968	08	ANACONDA CO	0801208	MTD093291656	UNL ORDR003		
969	08	ANACONDA CO	0801208	MTD093291656	UNL ORDR002		
970	08	ANACONDA CO	0801208	MTD093291656	UNL ORDR012		
971	08	ANACONDA CO	0801208	MTD093291656	UNL ORDR015		
972	08	ANACONDA CO	0801208	MTD093291656	UNL ORDR013		
973	08	ANACONDA CO	0801208	MTD093291656	UNL ORDR006		
974	08	ANACONDA CO	0801208	MTD093291656	UNL ORDR014		
975	08	ANACONDA CO	0801208	MTD093291656	UNL ORDR001		
976	08	ANNIE CREEK MND0929	LINGS	SDD987666013	ADM ORDR001		
977	08	ANNIE CREEK MND0929	LINGS	SDD987666013	ADMIN CR002		
978	08	ANNIE CREEK MND0929	LINGS	SDD987666013	ADMIN CR003		
979	08	ANNIE CREEK MND0929	LINGS	SDD987666013	ADMIN CR001		
980	08	ASARCO, INC. (GEOB07P	PLANT)	COD007063530	C DECREE002	8/9/2002 12:00 AM	2/29/2003 12:00 AM
981	08	ASARCO, INC. (GEOB07P	PLANT)	COD007063530	C DECREE001	3/13/2009 12:00 AM	3/13/2009 12:00 AM
982	08	BARKER HUGHES	0801208	MTD093291656	ADM ORDR002		
983	08	BARKER HUGHES	0801208	MTD093291656	ADM ORDR003		
984	08	BARKER HUGHES	0801208	MTD093291656	ADM ORDR001		
985	08	BARKER HUGHES	0801208	MTD093291656	BANKRUPT001	2/12/2008 12:00 AM	
986	08	BARKER HUGHES	0801208	MTD093291656	C DECREE002	8/9/2002 12:00 AM	2/29/2003 12:00 AM
987	08	BARKER HUGHES	0801208	MTD093291656	C DECREE001	2/15/2008 12:00 AM	2/15/2008 12:00 AM
988	08	BASIN MINING AREA	0801208	MTD982572562	ADM ORDR001		
989	08	BASIN MINING AREA	0801208	MTD982572562	CON AGMT001		
990	08	BASIN MINING AREA	0801208	MTD982572562	CON AGMT002		
991	08	BELDEN CRIBBING	0801208	CON000802450	ADM ORDR001		
992	08	BINGHAM MAGNETIC	0801208	UTN000802691	ADM ORDR001		
993	08	BLLENDE SMELTER	0801208	CON000802698	BANKRUPT001	2/12/2008 12:00 AM	
994	08	BLLENDE SMELTER	0801208	CON000802698	C DECREE001	8/9/2002 12:00 AM	2/29/2003 12:00 AM
995	08	BUENO MILL & MND0929	LINGS	CON000802129	ADM ORDR001		
996	08	CALIFORNIA GU0801	478	COD980717938	ADM ORDR008		
997	08	CALIFORNIA GU0801	478	COD980717938	ADM ORDR007		
998	08	CALIFORNIA GU0801	478	COD980717938	ADM ORDR001		
999	08	CALIFORNIA GU0801	478	COD980717938	ADM ORDR002		
1000	08	CALIFORNIA GU0801	478	COD980717938	ADM ORDR005		
1001	08	CALIFORNIA GU0801	478	COD980717938	ADM ORDR006		
1002	08	CALIFORNIA GU0801	478	COD980717938	CON AGMT001		
1003	08	CALIFORNIA GU0801	478	COD980717938	C DECREE006	11/4/92 12:00 AM	7/15/93 12:00 AM
1004	08	CALIFORNIA GU0801	478	COD980717938	C DECREE001	2/28/94 12:00 AM	5/6/94 12:00 AM
1005	08	CALIFORNIA GU0801	478	COD980717938	C DECREE005	10/6/92 12:00 AM	7/15/93 12:00 AM
1006	08	CALIFORNIA GU0801	478	COD980717938	C DECREE003	9/30/91 12:00 AM	4/9/92 12:00 AM
1007	08	CALIFORNIA GU0801	478	COD980717938	C DECREE007	12/18/92 12:00 AM	6/25/93 12:00 AM
1008	08	CALIFORNIA GU0801	478	COD980717938	C DECREE010	5/5/94 12:00 AM	5/16/94 12:00 AM
1009	08	CALIFORNIA GU0801	478	COD980717938	C DECREE009	9/13/93 12:00 AM	9/16/93 12:00 AM
1010	08	CALIFORNIA GU0801	478	COD980717938	C DECREE004	4/21/92 12:00 AM	2/12/93 12:00 AM
1011	08	CALIFORNIA GU0801	478	COD980717938	C DECREE002	6/30/91 12:00 AM	4/9/92 12:00 AM
1012	08	CALIFORNIA GU0801	478	COD980717938	C DECREE011	6/1/95 12:00 AM	8/10/95 12:00 AM
1013	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND012		
1014	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND011		
1015	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND014		
1016	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND003		
1017	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND008		
1018	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND005		
1019	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND009		
1020	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND007		
1021	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND015		
1022	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND002		
1023	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND013		
1024	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND004		
1025	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND010		
1026	08	CALIFORNIA GU0801	478	COD980717938	ACT AMND006		
1027	08	CALIFORNIA GU0801	478	COD980717938	UNL ORDR005		
1028	08	CALIFORNIA GU0801	478	COD980717938	UNL ORDR010		
1029	08	CALIFORNIA GU0801	478	COD980717938	UNL ORDR002		
1030	08	CALIFORNIA GU0801	478	COD980717938	UNL ORDR007		
1031	08	CALIFORNIA GU0801	478	COD980717938	UNL ORDR001		
1032	08	CALIFORNIA GU0801	478	COD980717938	UNL ORDR011		
1033	08	CALIFORNIA GU0801	478	COD980717938	UNL ORDR009		
1034	08	CALIFORNIA GU0801	478	COD980717938	UNL ORDR006		
1035	08	CALIFORNIA GU0801	478	COD980717938	UNL ORDR008		

	region	site name	siteid	epa id	ratname	start	lodged
1036	08	CARPENTER SNAKE CREEK MINING	0800157	COD08196153	BANKRUPT001	2/12/2008 12:00 AM	
1037	08	CARPENTER SNAKE CREEK MINING	0800157	COD08196153	C DECREE001	8/9/2002 12:00 AM	2/29/2003 12:00 AM
1038	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR008		
1039	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR004		
1040	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR007		
1041	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR002		
1042	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR009		
1043	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR003		
1044	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR006		
1045	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR010		
1046	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR005		
1047	08	CENTRAL CITY, CO	0800267	COD980717557	ADM ORDR001		
1048	08	CENTRAL CITY, CO	0800267	COD980717557	CON AGMT001		
1049	08	CENTRAL CITY, CO	0800267	COD980717557	CON AGMT002		
1050	08	CENTRAL CITY, CO	0800267	COD980717557	C DECREE001	9/10/96 12:00 AM	2/12/97 12:00 AM
1051	08	CENTRAL CITY, CO	0800267	COD980717557	C DECREE002	3/13/2007 12:00 AM	3/15/2007 12:00 AM
1052	08	CENTRAL CITY, CO	0800267	COD980717557	ACT AMND002		
1053	08	CENTRAL CITY, CO	0800267	COD980717557	ACT AMND003		
1054	08	CENTRAL CITY, CO	0800267	COD980717557	ACT AMND001		
1055	08	CENTRAL CITY, CO	0800267	COD980717557	UNL ORDR001		
1056	08	CENTRAL CITY, CO	0800267	COD980717557	UNL ORDR007		
1057	08	CENTRAL CITY, CO	0800267	COD980717557	UNL ORDR006		
1058	08	CENTRAL CITY, CO	0800267	COD980717557	UNL ORDR003		
1059	08	CENTRAL CITY, CO	0800267	COD980717557	UNL ORDR004		
1060	08	CENTRAL CITY, CO	0800267	COD980717557	UNL ORDR005		
1061	08	CENTRAL CITY, CO	0800267	COD980717557	UNL ORDR002		
1062	08	CENTRAL CITY, CO	0800267	COD980717557	UNL ORDR008		
1063	08	DAVENPORT AND STAFF	0801253	COD980717557	ADM ORDR001		
1064	08	DENVER RADIUM	0800247	COD980716955	ADM ORDR002		
1065	08	DENVER RADIUM	0800247	COD980716955	ADM ORDR006		
1066	08	DENVER RADIUM	0800247	COD980716955	ADM ORDR001		
1067	08	DENVER RADIUM	0800247	COD980716955	ADM ORDR005		
1068	08	DENVER RADIUM	0800247	COD980716955	ADM ORDR004		
1069	08	DENVER RADIUM	0800247	COD980716955	ADM ORDR003		
1070	08	DENVER RADIUM	0800247	COD980716955	CON AGMT001		
1071	08	DENVER RADIUM	0800247	COD980716955	C DECREE003	10/10/2001 12:00 AM	12/2/2001 12:00 AM
1072	08	DENVER RADIUM	0800247	COD980716955	C DECREE002		
1073	08	DENVER RADIUM	0800247	COD980716955	C DECREE004	8/20/2009 12:00 AM	9/19/2010 12:00 AM
1074	08	DENVER RADIUM	0800247	COD980716955	C DECREE001		10/31/95 12:00 AM
1075	08	DENVER RADIUM	0800247	COD980716955	ACT AMND003		
1076	08	DENVER RADIUM	0800247	COD980716955	ACT AMND002		
1077	08	DENVER RADIUM	0800247	COD980716955	ACT AMND001		
1078	08	DENVER RADIUM	0800247	COD980716955	UNL ORDR005		
1079	08	DENVER RADIUM	0800247	COD980716955	UNL ORDR002		
1080	08	DENVER RADIUM	0800247	COD980716955	UNL ORDR001		
1081	08	DENVER RADIUM	0800247	COD980716955	UNL ORDR003		
1082	08	DENVER RADIUM	0800247	COD980716955	UNL ORDR004		
1083	08	EAGLE MINE	0800159	COD081961518	C DECREE001	5/13/93 12:00 AM	
1084	08	EAGLE MINE	0800159	COD081961518	C DECREE002	8/23/95 12:00 AM	9/14/95 12:00 AM
1085	08	EAGLE MINE	0800159	COD081961518	ACT AMND001		
1086	08	EAGLE MINE	0800159	COD081961518	UNL ORDR002		
1087	08	EAGLE MINE	0800159	COD081961518	UNL ORDR001		
1088	08	EAST HELENA	0800377	MTD006230346	ADM ORDR002		
1089	08	EAST HELENA	0800377	MTD006230346	ADM ORDR001		
1090	08	EAST HELENA	0800377	MTD006230346	ADM ORDR003		
1091	08	EAST HELENA	0800377	MTD006230346	C DECREE001	6/29/90 12:00 AM	9/11/90 12:00 AM
1092	08	EAST HELENA	0800377	MTD006230346	C DECREE002	9/11/2008 12:00 AM	9/19/2008 12:00 AM
1093	08	EAST HELENA	0800377	MTD006230346	ACT AMND001		
1094	08	EAST HELENA	0800377	MTD006230346	ACT AMND006		
1095	08	EAST HELENA	0800377	MTD006230346	ACT AMND004		
1096	08	EAST HELENA	0800377	MTD006230346	ACT AMND002		
1097	08	EAST HELENA	0800377	MTD006230346	ACT AMND003		
1098	08	EAST HELENA	0800377	MTD006230346	ACT AMND005		
1099	08	EMPIRE CANYON	0801634	UT0002005981	ADM ORDR001		
1100	08	EMPIRE CANYON	0801634	UT0002005981	ADM ORDR002		
1101	08	EMPIRE CANYON	0801634	UT0002005981	CON AGMT001		
1102	08	EUREKA MILLS	0801644	UT0002240158	CON AGMT001		
1103	08	EUREKA MILLS	0801644	UT0002240158	C DECREE002	2/21/2003 12:00 AM	2/27/2003 12:00 AM
1104	08	EUREKA MILLS	0801644	UT0002240158	C DECREE003	2/27/2004 12:00 AM	2/27/2004 12:00 AM

	region	site name	siteid	epa_id	ratname	start	lodged
1105	08	EUREKA MILLS	0801644	UT0002240158	C DECREE006	7/30/2010 12:00 AM	10/13/2010 12:00 AM
1106	08	EUREKA MILLS	0801644	UT0002240158	C DECREE005	10/26/2004 12:00 AM	11/15/2004 12:00 AM
1107	08	EUREKA MILLS	0801644	UT0002240158	C DECREE001	8/18/2004 12:00 AM	8/22/2004 12:00 AM
1108	08	EUREKA MILLS	0801644	UT0002240158	C DECREE004	7/5/2005 12:00 AM	8/2/2005 12:00 AM
1109	08	EUREKA MILLS	0801644	UT0002240158	ACT AMND001		
1110	08	EUREKA MILLS	0801644	UT0002240158	ACT AMND002		
1111	08	EUREKA MILLS	0801644	UT0002240158	UNL ORDR001		
1112	08	EUREKA MILLS	0801644	UT0002240158	UNL ORDR002		
1113	08	EVENING STAR	0800651	CON000802651	ADM ORDR001		
1114	08	FLAT CREEK IM	0801914	MT0012694970	ADM ORDR001		
1115	08	FLAT TOP MINE	0802781	SDN000802781	BANKRUPT001	6/9/2009 12:00 AM	
1116	08	FLAT TOP MINE	0802781	SDN000802781	C DECREE001	11/9/2010 12:00 AM	11/3/2011 12:00 AM
1117	08	FRENCH GULCH	0801505	CO0001093392	CON AGMT001		
1118	08	FRENCH GULCH	0801505	CO0001093392	C DECREE001	5/12/2005 12:00 AM	5/31/2005 12:00 AM
1119	08	FRENCH GULCH	0801505	CO0001093392	UNL ORDR001		
1120	08	FRENCH GULCH	0801505	CO0001093392	UNL ORDR002		
1121	08	FRENCH GULCH	0801505	CO0001093392	UNL ORDR003		
1122	08	GEM PARK COM	0801985	CON000801985	ADM ORDR001		
1123	08	GEORGETOWN	0801937	MTD986068930	ADM ORDR001		
1124	08	GILT EDGE MINE	0801668	SDD987673985	C DECREE003	6/24/2009 12:00 AM	10/10/2009 12:00 AM
1125	08	GILT EDGE MINE	0801668	SDD987673985	C DECREE004	3/31/2010 12:00 AM	8/20/2010 12:00 AM
1126	08	GILT EDGE MINE	0801668	SDD987673985	C DECREE005	3/31/2010 12:00 AM	8/20/2010 12:00 AM
1127	08	GILT EDGE MINE	0801668	SDD987673985	C DECREE002	6/24/2009 12:00 AM	10/10/2009 12:00 AM
1128	08	GILT EDGE MINE	0801668	SDD987673985	C DECREE006	3/31/2010 12:00 AM	8/20/2010 12:00 AM
1129	08	HENDRICKS MIN	0800851	COD078348737	C DECREE001		12/8/2011 12:00 AM
1130	08	ILSE MINE	0800295	COD980957674	C DECREE001	3/13/2009 12:00 AM	8/13/2009 12:00 AM
1131	08	INTERMOUNTAIN	0800353	CON000353126	C DECREE001	5/14/2008 12:00 AM	5/14/2008 12:00 AM
1132	08	INTERNATIONAL	0800650	URE0093120921	ADM ORDR001		
1133	08	INTERNATIONAL	0800650	URE0093120921	UNL ORDR003		
1134	08	INTERNATIONAL	0800650	URE0093120921	UNL ORDR002		
1135	08	INTERNATIONAL	0800650	URE0093120921	UNL ORDR001		
1136	08	JACOBS SMELT	0801674	UT0002391472	ADM ORDR004		
1137	08	JACOBS SMELT	0801674	UT0002391472	ADM ORDR001		
1138	08	JACOBS SMELT	0801674	UT0002391472	ADM ORDR003		
1139	08	JACOBS SMELT	0801674	UT0002391472	ADM ORDR005		
1140	08	JACOBS SMELT	0801674	UT0002391472	CON AGMT001		
1141	08	KENNECOTT (NO	0800621	UTD070926811	ADM ORDR001		
1142	08	KENNECOTT (SO	0800621	UTD000826404	ADM ORDR001		
1143	08	KENNECOTT (SO	0800621	UTD000826404	ADM ORDR004		
1144	08	KENNECOTT (SO	0800621	UTD000826404	C DECREE002	11/30/98 12:00 AM	5/11/99 12:00 AM
1145	08	KENNECOTT (SO	0800621	UTD000826404	C DECREE004	9/26/2002 12:00 AM	11/14/2002 12:00 AM
1146	08	KENNECOTT (SO	0800621	UTD000826404	C DECREE003	6/15/2007 12:00 AM	7/9/2007 12:00 AM
1147	08	KENNECOTT (SO	0800621	UTD000826404	C DECREE001	11/30/98 12:00 AM	5/11/99 12:00 AM
1148	08	KENNECOTT (SO	0800621	UTD000826404	ACT AMND002		
1149	08	KENNECOTT (SO	0800621	UTD000826404	ACT AMND001		
1150	08	LEEDS SILVER	0800747	URE0981550619	ADM ORDR001		
1151	08	LEEDS SILVER	0800747	URE0981550619	UNL ORDR001		
1152	08	LIBBY ASBESTO	0800614	MT0009083840	ADM ORDR002		
1153	08	LIBBY ASBESTO	0800614	MT0009083840	ADM ORDR001		
1154	08	LIBBY ASBESTO	0800614	MT0009083840	ADM ORDR003		
1155	08	LIBBY ASBESTO	0800614	MT0009083840	C DECREE001	10/25/2001 12:00 AM	10/25/2001 12:00 AM
1156	08	LIBBY ASBESTO	0800614	MT0009083840	C DECREE002	3/6/2008 12:00 AM	5/11/2008 12:00 AM
1157	08	LIBBY ASBESTO	0800614	MT0009083840	C DECREE003	3/6/2008 12:00 AM	5/11/2008 12:00 AM
1158	08	LIBBY ASBESTO	0800614	MT0009083840	JUDGMENT001		
1159	08	LIBBY ASBESTO	0800614	MT0009083840	UNL ORDR001		
1160	08	LINCOLN PARK	0800115	COD042167858	CON AGMT001		
1161	08	LINCOLN PARK	0800115	COD042167858	C DECREE001	4/25/2000 12:00 AM	5/25/2000 12:00 AM
1162	08	MCLAREN MILL	0800025	MTD981550841	CON AGMT002		
1163	08	MCLAREN MILL	0800025	MTD981550841	CON AGMT001		
1164	08	MCLAREN MILL	0800025	MTD981550841	C DECREE001	4/8/97 12:00 AM	4/8/97 12:00 AM
1165	08	MCLAREN MILL	0800025	MTD981550841	UNL ORDR001		
1166	08	MCLAREN MILL	0800025	MTD981550841	UNL ORDR002		
1167	08	MIDVALE SLAG	0800641	UTD081834277	C DECREE005	7/20/2004 12:00 AM	8/10/2004 12:00 AM
1168	08	MIDVALE SLAG	0800641	UTD081834277	C DECREE002	8/20/90 12:00 AM	9/14/90 12:00 AM
1169	08	MIDVALE SLAG	0800641	UTD081834277	C DECREE001	7/18/90 12:00 AM	8/20/90 12:00 AM
1170	08	MIDVALE SLAG	0800641	UTD081834277	C DECREE004	10/6/98 12:00 AM	3/22/99 12:00 AM
1171	08	MILLTOWN RES	0800043	WTS980717565	ADM ORDR003		
1172	08	MILLTOWN RES	0800043	WTS980717565	ADM ORDR001		
1173	08	MILLTOWN RES	0800043	WTS980717565	C DECREE003	2/7/2008 12:00 AM	2/7/2008 12:00 AM

	region	site name	siteid	epa id	ratname	start	lodged
1174	08	MILLTOWN RES	8800043	SEDIMENT	WTS980717565	C DECREE002	7/18/2005 12:00 AM
1175	08	MILLTOWN RES	8800043	SEDIMENT	WTS980717565	C DECREE001	11/4/2004 12:00 AM
1176	08	MILLTOWN RES	8800043	SEDIMENT	WTS980717565	ACT AMND002	
1177	08	MILLTOWN RES	8800043	SEDIMENT	WTS980717565	ACT AMND001	
1178	08	MILLTOWN RES	8800043	SEDIMENT	WTS980717565	UNL ORDR001	
1179	08	MOUAT INDUST	8806384		MTD021997689	UNL ORDR001	
1180	08	MOUAT INDUST	8806384		MTD021997689	UNL ORDR002	
1181	08	MURRAY SMELT	8806697		UTD980951420	ADM ORDR001	
1182	08	MURRAY SMELT	8806697		UTD980951420	ADM ORDR002	
1183	08	MURRAY SMELT	8806697		UTD980951420	CON AGMT001	
1184	08	MURRAY SMELT	8806697		UTD980951420	C DECREE002	3/13/2009 12:00 AM
1185	08	MURRAY SMELT	8806697		UTD980951420	C DECREE001	5/29/98 12:00 AM
1186	08	MURRAY SMELT	8806697		UTD980951420	UNL ORDR001	
1187	08	MURRAY SMELT	8806697		UTD980951420	UNL ORDR002	
1188	08	NELSON TUNNEL	8802600	MODORE	CON000882038	C DECREE001	8/9/2002 12:00 AM
1189	08	NORTH CAVE H	8801900	MINING SITE	SS0012261936	BANKRUPT001	6/9/2009 12:00 AM
1190	08	NORTH CAVE H	8801900	MINING SITE	SS0012261936	C DECREE001	11/9/2010 12:00 AM
1191	08	OLD COBALT T	8806688	POND	UTD980717987	UNL ORDR001	
1192	08	OPHIR MILLS	8803162	WATER	UT0010221516	ADM ORDR001	
1193	08	PORTLAND CEM	8800690	LN DUST	UTD980718670	ADM ORDR005	
1194	08	PORTLAND CEM	8800690	LN DUST	UTD980718670	ADM ORDR002	
1195	08	PORTLAND CEM	8800690	LN DUST	UTD980718670	ADM ORDR006	
1196	08	PORTLAND CEM	8800690	LN DUST	UTD980718670	ADM ORDR003	
1197	08	PORTLAND CEM	8800690	LN DUST	UTD980718670	ADM ORDR004	
1198	08	PORTLAND CEM	8800690	LN DUST	UTD980718670	C DECREE001	10/15/91 12:00 AM
1199	08	PORTLAND CEM	8800690	LN DUST	UTD980718670	ACT AMND001	
1200	08	PORTLAND CEM	8800701	LN DUST	UTD980952832	ADM ORDR001	
1201	08	RICHARDSON F	8800701	ALINGS	UTD980952840	ADM ORDR001	
1202	08	RICHARDSON F	8800701	ALINGS	UTD980952840	ADM ORDR002	
1203	08	RICHARDSON F	8800701	ALINGS	UTD980952840	C DECREE003	8/7/2007 12:00 AM
1204	08	RICHARDSON F	8800701	ALINGS	UTD980952840	C DECREE004	3/13/2009 12:00 AM
1205	08	RICHARDSON F	8800701	ALINGS	UTD980952840	C DECREE001	8/10/2006 12:00 AM
1206	08	RICHARDSON F	8800701	ALINGS	UTD980952840	C DECREE002	8/10/2006 12:00 AM
1207	08	RICO - ARGENT	8800274		COD980952519	C DECREE001	5/1/2003 12:00 AM
1208	08	RICO - ARGENT	8800274		COD980952519	C DECREE002	5/1/2003 12:00 AM
1209	08	RICO - ARGENT	8800274		COD980952519	ACT AMND001	
1210	08	RICO - ARGENT	8800274		COD980952519	UNL ORDR001	
1211	08	ROBINSON INSU	8801858	MINOT	RD0010165116	ADM ORDR001	
1212	08	ROBINSON INSU	8801858	MINOT	RD0010165116	C DECREE001	5/14/2008 12:00 AM
1213	08	ROCKY FLATS	8800760	(USDOE)	CO7890010526	CON AGMT001	
1214	08	ROCKY MOUNT	8800353	ENAL (US	SEA170020769	C DECREE001	9/11/92 12:00 AM
1215	08	SANDY SMELTE	8801290		UTD988078044	ADM ORDR002	
1216	08	SANDY SMELTE	8801290		UTD988078044	ADM ORDR001	
1217	08	SHARON STEEL	8800694	(MIDVAL	UTD980965388	ADM ORDR003	
1218	08	SHARON STEEL	8800694	(MIDVAL	UTD980965388	ADM ORDR002	
1219	08	SHARON STEEL	8800694	(MIDVAL	UTD980965388	ADM ORDR004	
1220	08	SHARON STEEL	8800694	(MIDVAL	UTD980965388	ADM ORDR001	
1221	08	SHARON STEEL	8800694	(MIDVAL	UTD980965388	CON AGMT001	
1222	08	SHARON STEEL	8800694	(MIDVAL	UTD980965388	C DECREE003	9/14/90 12:00 AM
1223	08	SHARON STEEL	8800694	(MIDVAL	UTD980965388	C DECREE001	11/8/90 12:00 AM
1224	08	SHARON STEEL	8800694	(MIDVAL	UTD980965388	C DECREE002	8/20/90 12:00 AM
1225	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR011	
1226	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR009	
1227	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR004	
1228	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR001	
1229	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR007	
1230	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR013	
1231	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR006	
1232	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR012	
1233	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR008	
1234	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR003	
1235	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR002	
1236	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR005	
1237	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	ADM ORDR010	
1238	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	C DECREE010	11/4/2004 12:00 AM
1239	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	C DECREE006	1/25/99 12:00 AM
1240	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	C DECREE007	7/18/2000 12:00 AM
1241	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	C DECREE008	3/25/2002 12:00 AM
1242	08	SILVER BOW C	8800436	TTTE ARE	EA D980502777	C DECREE005	12/2/93 12:00 AM

	region	site name	siteid	epa id	ratname	start	lodged
1243	08	SILVER BOW CR	0800436	ACTD980502777	ACT AMND001		
1244	08	SILVER BOW CR	0800436	ACTD980502777	ACT AMND003		
1245	08	SILVER BOW CR	0800436	ACTD980502777	ACT AMND002		
1246	08	SILVER BOW CR	0800436	ACTD980502777	ACT AMND004		
1247	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR012		
1248	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR010		
1249	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR005		
1250	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR008		
1251	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR003		
1252	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR004		
1253	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR009		
1254	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR013		
1255	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR006		
1256	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR014		
1257	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR007		
1258	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR015		
1259	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR001		
1260	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR011		
1261	08	SILVER BOW CR	0800436	ACTD980502777	UNL ORDR002		
1262	08	SMELTERTOWN	0801085	COD983769738	ADM ORDR001		
1263	08	SMELTERTOWN	0801085	COD983769738	ADM ORDR005		
1264	08	SMELTERTOWN	0801085	COD983769738	C DECREE002	9/25/99 12:00 AM	3/14/2000 12:00 AM
1265	08	SMELTERTOWN	0801085	COD983769738	C DECREE006	4/12/2006 12:00 AM	4/21/2006 12:00 AM
1266	08	SMELTERTOWN	0801085	COD983769738	C DECREE005	12/23/2000 12:00 AM	1/16/2001 12:00 AM
1267	08	SMELTERTOWN	0801085	COD983769738	ACT AMND002		
1268	08	SMELTERTOWN	0801085	COD983769738	ACT AMND001		
1269	08	SMELTERTOWN	0801085	COD983769738	UNL ORDR001		
1270	08	SMUGGLER MOO	0800201	COD980806277	ADM ORDR002		
1271	08	SMUGGLER MOO	0800201	COD980806277	ADM ORDR001		
1272	08	SMUGGLER MOO	0800201	COD980806277	C DECREE003	1/30/92 12:00 AM	6/30/92 12:00 AM
1273	08	SMUGGLER MOO	0800201	COD980806277	C DECREE001		6/15/95 12:00 AM
1274	08	SMUGGLER MOO	0800201	COD980806277	C DECREE007	3/20/92 12:00 AM	2/10/95 12:00 AM
1275	08	SMUGGLER MOO	0800201	COD980806277	C DECREE004	3/4/92 12:00 AM	3/30/92 12:00 AM
1276	08	SMUGGLER MOO	0800201	COD980806277	C DECREE009		10/31/94 12:00 AM
1277	08	SMUGGLER MOO	0800201	COD980806277	C DECREE006	3/20/92 12:00 AM	5/4/92 12:00 AM
1278	08	SMUGGLER MOO	0800201	COD980806277	C DECREE008	10/26/92 12:00 AM	5/5/93 12:00 AM
1279	08	SMUGGLER MOO	0800201	COD980806277	C DECREE002	9/30/86 12:00 AM	6/30/92 12:00 AM
1280	08	SMUGGLER MOO	0800201	COD980806277	ACT AMND002		
1281	08	SMUGGLER MOO	0800201	COD980806277	ACT AMND001		
1282	08	SMUGGLER MOO	0800201	COD980806277	UNL ORDR001		
1283	08	SOUTHWEST AS	0800937	UTD988066239	C DECREE001		7/28/2010 12:00 AM
1284	08	SOUTHWEST AS	0800937	UTD988066239	UNL ORDR001		
1285	08	STANDARD MIN	0801669	CO0002378230	ADM ORDR002		
1286	08	STANDARD MIN	0801669	CO0002378230	ADM ORDR003		
1287	08	STANDARD MIN	0801669	CO0002378230	ADM ORDR001		
1288	08	STANDARD MIN	0801669	CO0002378230	C DECREE001	11/3/2008 12:00 AM	12/17/2008 12:00 AM
1289	08	SUMMITVILLE	0801194	COD983778432	ADM ORDR003		
1290	08	SUMMITVILLE	0801194	COD983778432	ADM ORDR007		
1291	08	SUMMITVILLE	0801194	COD983778432	ADM ORDR004		
1292	08	SUMMITVILLE	0801194	COD983778432	ADM ORDR002		
1293	08	SUMMITVILLE	0801194	COD983778432	C DECREE002	9/28/2001 12:00 AM	10/12/2001 12:00 AM
1294	08	SUMMITVILLE	0801194	COD983778432	C DECREE001	12/20/2000 12:00 AM	12/22/2000 12:00 AM
1295	08	SUMMITVILLE	0801194	COD983778432	C DECREE003	9/28/2001 12:00 AM	11/6/2001 12:00 AM
1296	08	SUMMITVILLE	0801194	COD983778432	UNL ORDR003		
1297	08	SUMMITVILLE	0801194	COD983778432	UNL ORDR002		
1298	08	SUMMITVILLE	0801194	COD983778432	UNL ORDR001		
1299	08	TOOELE VALLEY	0801193	UT0011980278	UNL ORDR001		
1300	08	TOOELE VALLEY	0801193	UT0011980278	UNL ORDR003		
1301	08	TOOELE VALLEY	0801193	UT0011980278	UNL ORDR002		
1302	08	UPPER TENMILE	0801699	MISEA7578012	CON AGMT003		
1303	08	UPPER TENMILE	0801699	MISEA7578012	CON AGMT002		
1304	08	UPPER TENMILE	0801699	MISEA7578012	CON AGMT001		
1305	08	UPPER TENMILE	0801699	MISEA7578012	UNL ORDR001		
1306	08	URAVAN URANI	0800076	UN0000708370	ADM ORDR001		
1307	08	URAVAN URANI	0800076	UN0000708370	C DECREE001		2/12/87 12:00 AM
1308	08	US MAGNESIUM	0802704	UTN000802704	ADM ORDR001		
1309	08	VASQUEZ BOUL	0801446	CO0002259588	ADM ORDR002		
1310	08	VASQUEZ BOUL	0801446	CO0002259588	ADM ORDR004		
1311	08	VASQUEZ BOUL	0801446	CO0002259588	ADM ORDR003		

	region	site name	siteid	epa_id	ratname	start	lodged
1381	09	LEVIATHAN MIN	E901943	CAD980673685	ADM ORDR002		
1382	09	LEVIATHAN MIN	E901943	CAD980673685	ADM ORDR001		
1383	09	LEVIATHAN MIN	E901943	CAD980673685	ACT AMND001		
1384	09	LEVIATHAN MIN	E901943	CAD980673685	SETTLMNT001		
1385	09	LEVIATHAN MIN	E901943	CAD980673685	UNL ORDR001		
1386	09	LEVIATHAN MIN	E901943	CAD980673685	UNL ORDR005		
1387	09	LEVIATHAN MIN	E901943	CAD980673685	UNL ORDR004		
1388	09	LEVIATHAN MIN	E901943	CAD980673685	UNL ORDR007		
1389	09	LEVIATHAN MIN	E901943	CAD980673685	UNL ORDR006		
1390	09	LEVIATHAN MIN	E901943	CAD980673685	UNL ORDR008		
1391	09	LEVIATHAN MIN	E901943	CAD980673685	UNL ORDR002		
1392	09	LEVIATHAN MIN	E901943	CAD980673685	UNL ORDR003		
1393	09	MARSH CREEK	E902010	CAD980737660	ADM ORDR001		
1394	09	MARSH CREEK	E902010	CAD980737660	UNL ORDR001		
1395	09	MOUNTAIN VIEW	E900571	CAN000905724	C DECREE001		7/12/85 12:00 AM
1396	09	MTA VERMICULITE	E905938	CAN000905933	ADM ORDR001		
1397	09	NE CHURCHROCK	E906132	CAN000905492	ADM ORDR001		
1398	09	NE CHURCHROCK	E906132	CAN000905492	BANKRUPT001	8/11/2010 12:00 AM	
1399	09	NORTHEAST CHURCHROCK	E906132	CAN000906132	ADM ORDR001		
1400	09	NORTHEAST CHURCHROCK	E906132	CAN000906132	ADM ORDR003		
1401	09	NORTHEAST CHURCHROCK	E906132	CAN000906132	C DECREE001		11/7/2011 12:00 AM
1402	09	NORTHEAST CHURCHROCK	E906132	CAN000906132	UNL ORDR001		
1403	09	POLAR STAR MINE	E905494	CAN000905494	ADM ORDR001		
1404	09	STEELER, INC.	E905621	CAN000905621	ADM ORDR001		
1405	09	SULPHUR BANK	E905928	CAN000905925	ADM ORDR003		
1406	09	UNION PACIFIC	E905902	CAN000905932	ADM ORDR001		
1407	09	ZEIBRIGHT MINE	E905925	CAN000905925	UNL ORDR001		
1408	10	ALDER MILL	1000950	WAD980722847	ADM ORDR001		
1409	10	ALDER MILL	1000950	WAD980722847	C DECREE001		8/3/2007 12:00 AM
1410	10	ANDERSON-CALHOUN MINE/MILL	1002309	WAD001002309	ADM ORDR003		
1411	10	ANDERSON-CALHOUN MINE/MILL	1002309	WAD001002309	ADM ORDR002		
1412	10	ANDERSON-CALHOUN MINE/MILL	1002309	WAD001002309	ADM ORDR001		
1413	10	BLACKBIRD MINE	E000256	IDD980725832	ADM ORDR002		
1414	10	BLACKBIRD MINE	E000256	IDD980725832	ADM ORDR003		
1415	10	BLACKBIRD MINE	E000256	IDD980725832	ADM ORDR001		
1416	10	BLACKBIRD MINE	E000256	IDD980725832	ADM ORDR004		
1417	10	BLACKBIRD MINE	E000256	IDD980725832	C DECREE001		12/23/94 12:00 AM
1418	10	BLACKBIRD MINE	E000256	IDD980725832	C DECREE002	4/28/95 12:00 AM	4/28/95 12:00 AM
1419	10	BLACKBIRD MINE	E000256	IDD980725832	ACT AMND001		
1420	10	BLACKBIRD MINE	E000256	IDD980725832	UNL ORDR001		
1421	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR013		
1422	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR005		
1423	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR002		
1424	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR007		
1425	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR001		
1426	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR006		
1427	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR014		
1428	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR004		
1429	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR003		
1430	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR009		
1431	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR011		
1432	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR008		
1433	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR012		
1434	10	BUNKER HILL MINE	E000395	DBG4834092MPC	ADM ORDR010		
1435	10	BUNKER HILL MINE	E000395	DBG4834092MPC	AGMT001		
1436	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE020		6/13/2011 12:00 AM
1437	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE009	7/21/2009 12:00 AM	7/21/2009 12:00 AM
1438	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE018		11/19/2010 12:00 AM
1439	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE006	3/4/96 12:00 AM	12/28/2000 12:00 AM
1440	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE004	12/30/94 12:00 AM	12/24/95 12:00 AM
1441	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE002	12/1/92 12:00 AM	1/8/93 12:00 AM
1442	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE016		8/6/2010 12:00 AM
1443	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE005	12/20/99 12:00 AM	12/23/99 12:00 AM
1444	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE011		3/12/2009 12:00 AM
1445	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE003	3/2/94 12:00 AM	5/10/94 12:00 AM
1446	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE019		1/25/2011 12:00 AM
1447	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE015		3/1/2010 12:00 AM
1448	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE014		3/11/2010 12:00 AM
1449	10	BUNKER HILL MINE	E000395	DBG4834092MPC	DECREE010		3/12/2009 12:00 AM

	region	site name	siteid	epa_id	ratname	start	lodged
1450	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	DECREE001	10/3/89 12:00 AM
1451	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	DECREE008	10/13/89 12:00 AM
1452	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	DECREE017	1/29/2003 12:00 AM
1453	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	DECREE012	10/26/2010 12:00 AM
1454	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	DECREE021	12/18/2009 12:00 AM
1455	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	DECREE013	9/22/2011 12:00 AM
1456	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	DECREE007	12/18/2009 12:00 AM
1457	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	DECREE007	4/18/2001 12:00 AM
1458	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	PALEX AMND001	
1459	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR008	
1460	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR011	
1461	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR005	
1462	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR006	
1463	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR004	
1464	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR001	
1465	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR003	
1466	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR010	
1467	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR002	
1468	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR007	
1469	10	BUNKER HILL MINE	000395	METALLURGY	DB04834092MPC	WFLX ORDR009	
1469	10	CINNABAR MINE	000235		IDD980665160 C	DECREE002	12/9/2005 12:00 AM
1470	10	CINNABAR MINE	000235		IDD980665160 C	DECREE001	10/30/2003 12:00 AM
1471	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR002	
1472	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR005	
1473	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR013	
1474	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR014	
1475	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR007	
1476	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR006	
1477	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR011	
1478	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR016	
1479	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR009	
1480	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR004	
1481	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR008	
1482	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR017	
1483	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR010	
1484	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR015	
1485	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR001	
1486	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR012	
1487	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1488	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR006	
1489	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR001	
1490	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR002	
1491	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR004	
1492	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR005	
1493	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1494	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1495	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1496	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1497	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1498	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1499	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1500	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1501	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1502	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1503	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1504	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1505	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1506	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1507	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1508	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1509	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1510	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1511	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1512	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1513	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1514	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1515	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1516	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1517	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	
1518	10	COMMENCEMENT	000395	NEAR SHORE	DB04834092MPC	WFLX ORDR003	

	region	site name	siteid	epa id	ratname	start	lodged
1519	10	COMMENCEMENT	100081	NEAR SWAB98002566A	C DECREE011	9/27/94 12:00 AM	12/23/94 12:00 AM
1520	10	COMMENCEMENT	100081	NEAR SWAB98002566A	C DECREE021	9/29/2002 12:00 AM	3/3/2003 12:00 AM
1521	10	COMMENCEMENT	100081	NEAR SWAB98002566A	C DECREE035		7/21/2009 12:00 AM
1522	10	COMMENCEMENT	100081	NEAR SWAB98002566A	C DECREE007	9/27/90 12:00 AM	6/24/91 12:00 AM
1523	10	COMMENCEMENT	100081	NEAR SWAB98002566A	C DECREE012	3/6/96 12:00 AM	6/24/96 12:00 AM
1524	10	COMMENCEMENT	100081	NEAR SWAB98002566A	ACT AMND002		
1525	10	COMMENCEMENT	100081	NEAR SWAB98002566A	ACT AMND001		
1526	10	COMMENCEMENT	100081	NEAR SWAB98002566A	ACT AMND003		
1527	10	COMMENCEMENT	100081	NEAR SWAB98002566A	ACT AMND004		
1528	10	COMMENCEMENT	100081	NEAR SWAB98002566A	ACT DEF001		
1529	10	COMMENCEMENT	100081	NEAR SWAB98002566A	ACT JSDGMENT001		
1530	10	COMMENCEMENT	100081	NEAR SWAB98002566A	UNL ORDR008		
1531	10	COMMENCEMENT	100081	NEAR SWAB98002566A	UNL ORDR009		
1532	10	COMMENCEMENT	100081	NEAR SWAB98002566A	UNL ORDR003		
1533	10	COMMENCEMENT	100081	NEAR SWAB98002566A	UNL ORDR006		
1534	10	COMMENCEMENT	100081	NEAR SWAB98002566A	UNL ORDR005		
1535	10	COMMENCEMENT	100081	NEAR SWAB98002566A	UNL ORDR007		
1536	10	COMMENCEMENT	100081	NEAR SWAB98002566A	UNL ORDR004		
1537	10	COMMENCEMENT	100081	NEAR SWAB98002566A	UNL ORDR001		
1538	10	COMMENCEMENT	100081	NEAR SWAB98002566A	UNL ORDR002		
1539	10	COMMENCEMENT	100081	SOUTH TAC09072330N	MEM ORDR005		
1540	10	COMMENCEMENT	100081	SOUTH TAC09072330N	MEM ORDR003		
1541	10	COMMENCEMENT	100081	SOUTH TAC09072330N	MEM ORDR002		
1542	10	COMMENCEMENT	100081	SOUTH TAC09072330N	MEM ORDR001		
1543	10	COMMENCEMENT	100081	SOUTH TAC09072330N	MEM ORDR004		
1544	10	COMMENCEMENT	100081	SOUTH TAC09072330N	C DECREE005	9/17/96 12:00 AM	9/30/96 12:00 AM
1545	10	COMMENCEMENT	100081	SOUTH TAC09072330N	C DECREE002	7/7/88 12:00 AM	8/18/88 12:00 AM
1546	10	COMMENCEMENT	100081	SOUTH TAC09072330N	C DECREE003	3/22/91 12:00 AM	3/25/91 12:00 AM
1547	10	COMMENCEMENT	100081	SOUTH TAC09072330N	C DECREE001		12/6/94 12:00 AM
1548	10	COMMENCEMENT	100081	SOUTH TAC09072330N	ACT AMND001		
1549	10	COMMENCEMENT	100081	SOUTH TAC09072330N	UNL ORDR001		
1550	10	CONJECTURE MINE	2661	IDN001002661	C DECREE001		5/7/2010 12:00 AM
1551	10	EASTERN MICHA	001502	ATS CONDA0848866N	ADM ORDR001		
1552	10	EASTERN MICHA	001502	ATS CONDA0848866N	ADM ORDR002		
1553	10	EASTERN MICHA	001502	ATS CONDA0848866N	C DECREE004		10/26/2001 12:00 AM
1554	10	EASTERN MICHA	001502	ATS CONDA0848866N	ACT AMND001		
1555	10	EASTERN MICHA	001502	ATS CONDA0848866N	UNL ORDR001		
1556	10	EASTERN MICHA	001502	ATS CONDA0848866N	UNL ORDR002		
1557	10	FREMONT NATION	001568	REST/VORTE2200658D	ADM ORDR001		
1558	10	FREMONT NATION	001568	REST/VORTE2200658D	ADM ORDR001		
1559	10	FREMONT NATION	001568	REST/VORTE2200658D	C DECREE001		
1560	10	FREMONT NATION	001568	REST/VORTE2200658D	UNL ORDR001		
1561	10	GRANDVIEW MINE	002165	WASFN1002165	ADM ORDR003		
1562	10	GRANDVIEW MINE	002165	WASFN1002165	ADM ORDR001		
1563	10	GRANDVIEW MINE	002165	WASFN1002165	ADM ORDR002		
1564	10	GROUSE CREEK	002152	IDSFN1002152	ADM ORDR001		
1565	10	HANFORD 1100	AREA18	(USDOE) WA4890090075	ACT AMND001		
1566	10	IDAHO LAKEVIEW	1002537	IDN001002537	C DECREE001		5/7/2010 12:00 AM
1567	10	KAISER ALUMINUM	000551	HEAD WORKS D000065508	CON AGMT001		
1568	10	KERR-MCGEE CHEM	001090	CORP/BOC03677RINGS	ADM ORDR001		
1569	10	KERR-MCGEE CHEM	001090	CORP/BOC03677RINGS	ADM ORDR001		
1570	10	KERR-MCGEE CHEM	001090	CORP/BOC03677RINGS	C DECREE001	9/30/96 12:00 AM	3/21/97 12:00 AM
1571	10	LE ROI CO SMELT	000661	WAD988507323	ADM ORDR001		
1572	10	MARTIN-MARIETT	000424	MINUM COR D052221025	ADM ORDR001		
1573	10	MARTIN-MARIETT	000424	MINUM COR D052221025	C DECREE001	4/6/89 12:00 AM	7/5/89 12:00 AM
1574	10	MARTIN-MARIETT	000424	MINUM COR D052221025	ACT AMND001		
1575	10	MIDNITE MINE	1001070	WAD980978753	ADM ORDR001		
1576	10	MIDNITE MINE	1001070	WAD980978753	C DECREE001	8/24/2011 12:00 AM	3/30/2011 12:00 AM
1577	10	MIDNITE MINE	1001070	WAD980978753	JUDGMENT001		
1578	10	MIDNITE MINE	1001070	WAD980978753	UNL ORDR001		
1579	10	MINNIE MOORE	000295	IDN001002295	UNL ORDR001		
1580	10	MONSANTO CHEM	000213	CO. (SODA08880994	PLANT) ORDR001		
1581	10	MONSANTO CHEM	000213	CO. (SODA08880994	PLANT) DECREE001	9/29/97 12:00 AM	4/16/98 12:00 AM
1582	10	PACIFIC HIDE &	FOUR218	CYCLING EDO098812878	ADM ORDR002		
1583	10	PACIFIC HIDE &	FOUR218	CYCLING EDO098812878	ADM ORDR001		
1584	10	PACIFIC HIDE &	FOUR218	CYCLING EDO098812878	C DECREE001	9/26/86 12:00 AM	9/29/86 12:00 AM
1585	10	PACIFIC HIDE &	FOUR218	CYCLING EDO098812878	C DECREE005		10/9/98 12:00 AM
1586	10	PACIFIC HIDE &	FOUR218	CYCLING EDO098812878	C DECREE003	4/6/89 12:00 AM	5/30/89 12:00 AM
1587	10	PACIFIC HIDE &	FOUR218	CYCLING EDO098812878	C DECREE004		7/31/98 12:00 AM

	region	site name	siteid	epa id	ratname	start	lodged
1588	10	PACIFIC HIDE & FURRY CYCLING	1008218	WAD0098812878	UNL ORDR001		
1589	10	QUEEN CITY FARM	1006835	WAD980511745	ADM ORDR004		
1590	10	QUEEN CITY FARM	1006835	WAD980511745	ADM ORDR007		
1591	10	QUEEN CITY FARM	1006835	WAD980511745	ADM ORDR006		
1592	10	QUEEN CITY FARM	1006835	WAD980511745	ADM ORDR005		
1593	10	QUEEN CITY FARM	1006835	WAD980511745	ADM ORDR002		
1594	10	QUEEN CITY FARM	1006835	WAD980511745	ADM ORDR003		
1595	10	QUEEN CITY FARM	1006835	WAD980511745	ADM ORDR001		
1596	10	QUEEN CITY FARM	1006835	WAD980511745	C DECREE001	12/15/93 12:00 AM	5/16/94 12:00 AM
1597	10	QUEEN CITY FARM	1006835	WAD980511745	ACT AMND001		
1598	10	QUEEN CITY FARM	1006835	WAD980511745	UNL ORDR001		
1599	10	QUEEN CITY FARM	1006835	WAD980511745	UNL ORDR002		
1600	10	REYNOLDS METAL COMPANY	1008130	ORD009412677	ADM ORDR001		
1601	10	REYNOLDS METAL COMPANY	1008130	ORD009412677	C DECREE001	9/26/2007 12:00 AM	11/25/2008 12:00 AM
1602	10	REYNOLDS METAL COMPANY	1008130	ORD009412677	UNL ORDR002		
1603	10	REYNOLDS METAL COMPANY	1008130	ORD009412677	UNL ORDR001		
1604	10	SOUTHEAST IDAHO ENIUM	1002343	PRD001002245	ADM ORDR006		
1605	10	SOUTHEAST IDAHO ENIUM	1002343	PRD001002245	ADM ORDR004		
1606	10	SOUTHEAST IDAHO ENIUM	1002343	PRD001002245	ADM ORDR003		
1607	10	SOUTHEAST IDAHO ENIUM	1002343	PRD001002245	ADM ORDR002		
1608	10	SOUTHEAST IDAHO ENIUM	1002343	PRD001002245	ADM ORDR007		
1609	10	SOUTHEAST IDAHO ENIUM	1002343	PRD001002245	ADM ORDR001		
1610	10	STIBNITE/YELLOW MINING	1009236	ABE00665459	ADM ORDR001		
1611	10	STIBNITE/YELLOW MINING	1009236	ABE00665459	ADM ORDR002		
1612	10	STIBNITE/YELLOW MINING	1009236	ABE00665459	C DECREE001	6/26/2000 12:00 AM	6/26/2000 12:00 AM
1613	10	STIBNITE/YELLOW MINING	1009236	ABE00665459	C DECREE002		10/30/2003 12:00 AM
1614	10	TALACHE MINE	1001999	ID0002007250	ADM ORDR003		
1615	10	TALACHE MINE	1001999	ID0002007250	ADM ORDR001		
1616	10	TALACHE MINE	1001999	ID0002007250	ADM ORDR002		
1617	10	TALACHE MINE	1001999	ID0002007250	C DECREE003		3/22/2006 12:00 AM
1618	10	TALACHE MINE	1001999	ID0002007250	C DECREE001		9/1/2004 12:00 AM
1619	10	TALACHE MINE	1001999	ID0002007250	C DECREE002		3/22/2006 12:00 AM
1620	10	TALACHE MINE	1001999	ID0002007250	UNL ORDR001		
1621	10	TELEDYNE WAHIO	1004406	ORD050955848	ADM ORDR001		
1622	10	TELEDYNE WAHIO	1004406	ORD050955848	C DECREE002	9/28/2005 12:00 AM	3/27/2006 12:00 AM
1623	10	TELEDYNE WAHIO	1004406	ORD050955848	C DECREE001	10/31/96 12:00 AM	10/31/97 12:00 AM
1624	10	TELEDYNE WAHIO	1004406	ORD050955848	ACT AMND003		
1625	10	TELEDYNE WAHIO	1004406	ORD050955848	ACT AMND002		
1626	10	TELEDYNE WAHIO	1004406	ORD050955848	ACT AMND001		
1627	10	TELEDYNE WAHIO	1004406	ORD050955848	UNL ORDR001		
1628	10	USDA FS WENATCHE NF: HOLLOWAY	1001155	WAD000007672	ADM ORDR001		
1629	10	VERMICULITE NW	1002259	WAN001002259	C DECREE001		3/11/2008 12:00 AM

	complete	notice	response	pastcost	futurecost	resprem	crrem
1	12/5/2003 12:00 AM						
2	8/2/2010 12:00 AM					Y	N
3	6/7/2005 12:00 AM					Y	N
4	8/8/96 12:00 AM					Y	N
5	4/28/2009 12:00 AM						
6	10/7/2008 12:00 AM						
7	8/11/2009 12:00 AM						
8	6/11/2008 12:00 AM						
9	6/10/2004 12:00 AM					Y	N
10	7/25/2001 12:00 AM						
11	1/20/2000 12:00 AM						
12	10/20/99 12:00 AM						
13	5/17/2011 12:00 AM						
14	9/7/93 12:00 AM					Y	N
15	9/7/93 12:00 AM						
16	5/17/2000 12:00 AM					Y	Y
17	11/10/87 12:00 AM					Y	N
18	5/30/86 12:00 AM					Y	N
19	7/26/85 12:00 AM					Y	N
20	8/19/2000 12:00 AM					N	Y
21	9/26/90 12:00 AM					N	Y
22	9/26/90 12:00 AM					N	Y
23	11/21/88 12:00 AM					Y	Y
24	8/28/2001 12:00 AM						
25	7/10/86 12:00 AM					Y	N
26	8/23/85 12:00 AM					Y	N
27	2/13/2008 12:00 AM					Y	N
28	6/13/2003 12:00 AM					Y	N
29	6/20/2011 12:00 AM					Y	Y
30	9/28/2001 12:00 AM					Y	N
31	10/6/2003 12:00 AM					Y	N
32	3/29/2011 12:00 AM						
33	5/6/92 12:00 AM					N	Y
34	6/15/2007 12:00 AM					Y	Y
35	10/26/92 12:00 AM					N	Y
36	4/1/2009 12:00 AM					N	Y
37	7/24/2007 12:00 AM					N	Y
38	2/3/2009 12:00 AM					Y	Y
39	8/15/2004 12:00 AM					N	Y
40	8/11/2010 12:00 AM						
41	10/31/2011 12:00 AM					N	Y
42	2/1/2011 12:00 AM					N	Y
43	10/29/2009 12:00 AM						
44	9/17/2002 12:00 AM					N	Y
45	9/30/2005 12:00 AM					Y	N
46	10/26/92 12:00 AM					Y	N
47	5/11/2000 12:00 AM					N	Y
48	1/13/2004 12:00 AM					N	Y
49	4/11/2008 12:00 AM					N	Y
50	4/16/85 12:00 AM					Y	Y
51	5/10/95 12:00 AM					Y	Y
52	3/29/2011 12:00 AM					Y	N
53	3/31/2011 12:00 AM					Y	N
54	7/26/2005 12:00 AM					N	Y
55	6/19/2001 12:00 AM					N	Y
56	8/18/92 12:00 AM					Y	N
57	2/2/2009 12:00 AM						
58	11/15/2006 12:00 AM						
59	11/15/2006 12:00 AM						
60	11/15/2006 12:00 AM						
61	11/15/2006 12:00 AM						
62	11/15/2006 12:00 AM						
63	11/15/2006 12:00 AM						
64	6/3/2008 12:00 AM					Y	N
65	7/10/2006 12:00 AM						
66	4/23/93 12:00 AM					Y	Y
67	2/5/97 12:00 AM					N	Y
68	9/29/98 12:00 AM					N	Y
69	6/11/91 12:00 AM					Y	N

	complete	notice	response	pastcost	futurecost	respren	crrem
70	7/17/95 12:00 AM					N	Y
71	4/25/95 12:00 AM					Y	N
72	9/28/84 12:00 AM					Y	N
73	11/2/88 12:00 AM					N	Y
74	7/19/88 12:00 AM					N	Y
75	8/14/89 12:00 AM					N	Y
76	8/14/89 12:00 AM					N	Y
77	9/24/2009 12:00 AM					Y	Y
78	8/11/92 12:00 AM					N	Y
79	10/17/2001 12:00 AM						
80	8/28/92 12:00 AM					Y	N
81	6/5/87 12:00 AM					Y	Y
82	5/25/2010 12:00 AM					Y	N
83	7/24/2007 12:00 AM					N	Y
84	8/20/95 12:00 AM					N	Y
85	9/30/95 12:00 AM						
86	11/6/89 12:00 AM					Y	N
87	3/31/92 12:00 AM					Y	N
88	8/18/2010 12:00 AM					Y	N
89	9/30/93 12:00 AM						
90	12/5/94 12:00 AM						
91	1/31/2011 12:00 AM						
92	5/26/99 12:00 AM					Y	N
93	4/27/98 12:00 AM					Y	N
94	12/28/2004 12:00 AM					N	Y
95	7/21/89 12:00 AM					Y	N
96	9/20/2000 12:00 AM					Y	N
97	4/13/99 12:00 AM					Y	N
98	5/1/2003 12:00 AM					N	Y
99	10/29/2007 12:00 AM					N	Y
100	10/29/2007 12:00 AM					N	Y
101	7/24/2000 12:00 AM					Y	Y
102	10/29/2007 12:00 AM					Y	Y
103	7/28/2004 12:00 AM						
104	6/2/2008 12:00 AM					N	Y
105	5/15/2000 12:00 AM					Y	N
106	8/14/2001 12:00 AM					Y	N
107	9/29/2000 12:00 AM					Y	N
108	9/10/84 12:00 AM					Y	N
109	7/6/2006 12:00 AM					Y	N
110	11/12/89 12:00 AM					Y	N
111	10/1/2007 12:00 AM					Y	N
112	9/21/87 12:00 AM					Y	N
113	6/15/98 12:00 AM					Y	N
114	5/2/91 12:00 AM					Y	N
115	9/30/93 12:00 AM						
116	9/30/93 12:00 AM						
117	9/30/93 12:00 AM						
118	9/30/93 12:00 AM						
119	9/30/93 12:00 AM						
120	9/30/93 12:00 AM						
121	9/30/93 12:00 AM						
122	9/30/93 12:00 AM						
123	9/30/93 12:00 AM						
124	9/30/93 12:00 AM						
125	9/30/93 12:00 AM						
126	9/30/93 12:00 AM						
127	9/30/93 12:00 AM						
128	9/30/93 12:00 AM						
129	9/30/93 12:00 AM						
130	9/29/2004 12:00 AM					Y	N
131	1/25/2000 12:00 AM					Y	N
132	1/22/2004 12:00 AM						
133	7/22/2002 12:00 AM					Y	N
134	7/15/99 12:00 AM					Y	N
135	3/21/2002 12:00 AM						
136	5/24/2002 12:00 AM					Y	N
137	2/25/2011 12:00 AM					Y	N
138	3/16/92 12:00 AM					Y	Y

	complete	notice	response	pastcost	futurecost	respren	crrem
139	1/4/2007 12:00 AM					Y	Y
140	10/20/95 12:00 AM						
141	6/26/89 12:00 AM					Y	N
142	12/31/2010 12:00 AM					Y	N
143	12/31/2010 12:00 AM					Y	N
144	11/21/94 12:00 AM					Y	N
145	8/16/2011 12:00 AM					N	Y
146	9/23/2003 12:00 AM					N	Y
147	10/31/89 12:00 AM					Y	N
148	8/25/89 12:00 AM					Y	Y
149	11/10/2010 12:00 AM					Y	N
150	9/21/2005 12:00 AM					Y	N
151	3/16/84 12:00 AM					Y	N
152	5/24/2010 12:00 AM					Y	N
153	9/23/93 12:00 AM					N	Y
154	9/21/2005 12:00 AM						
155	7/22/2010 12:00 AM					Y	N
156	6/26/87 12:00 AM					Y	N
157	6/26/87 12:00 AM					Y	N
158	11/7/2000 12:00 AM					N	Y
159	6/29/95 12:00 AM					N	Y
160	5/14/2002 12:00 AM					Y	N
161	11/25/92 12:00 AM					N	Y
162	3/22/88 12:00 AM						
163	10/5/88 12:00 AM					Y	N
164	4/28/2010 12:00 AM					Y	N
165	6/30/89 12:00 AM					Y	N
166	2/8/2000 12:00 AM					N	Y
167	10/25/2006 12:00 AM						
168	11/24/98 12:00 AM					N	Y
169	5/7/99 12:00 AM						
170	1/13/2005 12:00 AM						
171	4/29/99 12:00 AM					Y	Y
172	9/28/2006 12:00 AM					Y	N
173	9/30/2003 12:00 AM					Y	N
174	6/2/2008 12:00 AM					N	Y
175	9/11/2008 12:00 AM					Y	N
176	9/30/2004 12:00 AM					Y	N
177	3/23/2010 12:00 AM						
178	2/17/2010 12:00 AM					N	Y
179	6/5/2007 12:00 AM					Y	N
180	8/11/86 12:00 AM					Y	N
181	8/17/2000 12:00 AM					Y	N
182	2/7/2002 12:00 AM						
183	4/25/96 12:00 AM					Y	N
184	6/24/2005 12:00 AM					Y	N
185	11/29/2004 12:00 AM					Y	N
186	3/30/92 12:00 AM					Y	N
187	6/10/2008 12:00 AM					Y	N
188	9/13/2007 12:00 AM					Y	N
189	1/16/2003 12:00 AM					Y	N
190	9/28/2000 12:00 AM 10/10/2000 12:00 AM					Y	N
191	12/30/87 12:00 AM					Y	N
192	5/28/91 12:00 AM					Y	Y
193	11/29/90 12:00 AM					Y	Y
194	8/15/89 12:00 AM					N	Y
195	1/9/84 12:00 AM					Y	N
196	3/14/84 12:00 AM					Y	N
197	12/29/99 12:00 AM					Y	N
198	6/25/2003 12:00 AM						
199	3/30/87 12:00 AM					Y	N
200	6/2/2000 12:00 AM						
201	2/25/2011 12:00 AM						
202	1/17/90 12:00 AM					N	Y
203	3/7/2008 12:00 AM					N	Y
204	7/23/90 12:00 AM					N	Y
205	2/15/2001 12:00 AM					Y	N
206	1/24/94 12:00 AM					N	Y
207	8/18/87 12:00 AM					Y	N

	complete	notice	response	pastcost	futurecost	respren	crrem
208	8/29/97 12:00 AM					Y	N
209	2/28/97 12:00 AM					Y	N
210	9/17/2010 12:00 AM					N	Y
211	6/2/2008 12:00 AM						
212	8/24/2000 12:00 AM						
213	3/1/2005 12:00 AM					Y	N
214	9/29/2005 12:00 AM					Y	N
215	9/7/94 12:00 AM					Y	N
216	5/9/2011 12:00 AM						
217	1/25/2008 12:00 AM					Y	N
218	4/30/2001 12:00 AM	5/1/2001 12:00 AM				Y	N
219	12/5/94 12:00 AM					Y	N
220	6/12/92 12:00 AM					Y	Y
221	3/29/2011 12:00 AM						
222	9/17/2010 12:00 AM					N	Y
223	9/22/95 12:00 AM						
224	12/31/96 12:00 AM					N	Y
225	6/25/91 12:00 AM					N	Y
226	9/22/95 12:00 AM						
227	8/7/96 12:00 AM						
228	6/16/95 12:00 AM					Y	N
229	6/25/91 12:00 AM					N	Y
230	8/13/91 12:00 AM					N	Y
231	5/12/2008 12:00 AM						
232	9/29/2006 12:00 AM	10/17/2006 12:00 AM					
233	10/13/99 12:00 AM						
234	9/27/2004 12:00 AM	2/8/2005 12:00 AM					
235	3/30/2007 12:00 AM	5/3/2008 12:00 AM					
236	10/18/91 12:00 AM					Y	N
237	6/10/93 12:00 AM					Y	N
238	8/12/88 12:00 AM					Y	N
239	10/4/2004 12:00 AM						
240	4/19/94 12:00 AM	5/20/94 12:00 AM				Y	N
241	12/31/87 12:00 AM					Y	N
242	3/21/2002 12:00 AM						
243	7/23/92 12:00 AM	8/24/92 12:00 AM				Y	N
244	1/22/2007 12:00 AM					Y	N
245	9/30/2002 12:00 AM					Y	N
246	3/15/96 12:00 AM					Y	Y
247	9/30/96 12:00 AM					Y	N
248	7/24/2008 12:00 AM					Y	N
249	11/30/2011 12:00 AM						
250	11/30/2011 12:00 AM					N	Y
251	10/11/2002 12:00 AM						
252	12/8/89 12:00 AM					Y	N
253	9/29/94 12:00 AM					Y	N
254	3/8/95 12:00 AM					Y	N
255	8/4/95 12:00 AM					Y	N
256	6/30/2003 12:00 AM					Y	N
257	6/17/97 12:00 AM					Y	N
258	9/26/2001 12:00 AM					Y	N
259	11/14/94 12:00 AM						
260	6/30/95 12:00 AM						
261	5/6/99 12:00 AM						
262	8/12/97 12:00 AM					Y	N
263	9/29/98 12:00 AM						
264	3/6/95 12:00 AM						
265	9/19/99 12:00 AM						
266	6/30/95 12:00 AM						
267	9/30/94 12:00 AM					N	Y
268	3/29/2011 12:00 AM						
269	9/17/2002 12:00 AM						
270	6/18/2002 12:00 AM						
271	2/14/2002 12:00 AM						
272	3/12/2001 12:00 AM						
273	6/18/2002 12:00 AM						
274	11/4/96 12:00 AM						
275	12/28/2000 12:00 AM						
276	10/15/2001 12:00 AM						

	complete	notice	response	pastcost	futurecost	resprem	crrem
277	6/17/2002 12:00 AM						
278	6/18/2002 12:00 AM						
279	6/20/2001 12:00 AM						
280	10/8/99 12:00 AM					Y	Y
281	9/30/98 12:00 AM						
282	8/16/2002 12:00 AM						
283	8/14/2003 12:00 AM						
284	2/21/92 12:00 AM					Y	N
285	10/16/91 12:00 AM					Y	N
286	12/31/97 12:00 AM					Y	Y
287	4/28/2002 12:00 AM						
288	11/13/89 12:00 AM					Y	Y
289	4/11/97 12:00 AM						
290	4/11/97 12:00 AM						
291	4/11/97 12:00 AM						
292	9/24/85 12:00 AM					Y	N
293	4/11/97 12:00 AM						
294	4/11/97 12:00 AM						
295	5/16/95 12:00 AM						
296	9/30/96 12:00 AM						
297	4/11/97 12:00 AM						
298	9/30/96 12:00 AM						
299	4/11/97 12:00 AM						
300	9/30/96 12:00 AM						
301	5/16/95 12:00 AM						
302	4/11/97 12:00 AM						
303	4/11/97 12:00 AM						
304	4/11/97 12:00 AM						
305	4/11/97 12:00 AM						
306	4/11/97 12:00 AM						
307	5/16/95 12:00 AM						
308	9/30/96 12:00 AM						
309	9/10/92 12:00 AM						
310	5/16/95 12:00 AM						
311	9/10/92 12:00 AM						
312	4/11/97 12:00 AM						
313	4/11/97 12:00 AM						
314	4/11/97 12:00 AM						
315	9/10/92 12:00 AM						
316	4/11/97 12:00 AM						
317	5/16/95 12:00 AM						
318	4/11/97 12:00 AM						
319	2/11/92 12:00 AM					Y	N
320	5/16/95 12:00 AM						
321	4/11/97 12:00 AM						
322	5/16/95 12:00 AM						
323	9/30/96 12:00 AM						
324	6/15/2007 12:00 AM					N	Y
325	9/30/96 12:00 AM						
326	4/11/97 12:00 AM						
327	9/30/96 12:00 AM						
328	3/29/2002 12:00 AM						
329	4/11/97 12:00 AM						
330	9/30/96 12:00 AM						
331	5/16/95 12:00 AM						
332	4/11/97 12:00 AM						
333	9/10/92 12:00 AM						
334	4/11/97 12:00 AM						
335	4/11/97 12:00 AM						
336	9/30/96 12:00 AM						
337	9/30/96 12:00 AM						
338	9/10/92 12:00 AM						
339	9/10/92 12:00 AM						
340	9/10/92 12:00 AM						
341	9/30/96 12:00 AM						
342	4/11/97 12:00 AM						
343	4/11/97 12:00 AM						
344	5/16/95 12:00 AM						
345	5/16/95 12:00 AM						

	complete	notice	response	pastcost	futurecost	respren	crrem
346	9/10/92 12:00 AM						
347	4/11/97 12:00 AM						
348	5/16/95 12:00 AM						
349	4/11/97 12:00 AM						
350	5/16/95 12:00 AM						
351	3/16/2011 12:00 AM						
352	10/17/88 12:00 AM					Y	N
353	11/21/2003 12:00 AM					Y	Y
354	12/10/99 12:00 AM						
355	10/27/2009 12:00 AM						
356	2/11/92 12:00 AM					Y	N
357	12/10/99 12:00 AM	11/11/2000 12:00 AM				Y	N
358	9/30/2005 12:00 AM	10/4/2005 12:00 AM				Y	N
359	12/16/88 12:00 AM					Y	N
360	2/3/2005 12:00 AM						
361	1/16/2003 12:00 AM						
362	1/16/2003 12:00 AM						
363	12/13/91 12:00 AM					Y	N
364	8/11/98 12:00 AM						
365	12/14/94 12:00 AM	12/20/95 12:00 AM				Y	N
366	3/22/88 12:00 AM					Y	N
367	7/26/2001 12:00 AM					Y	N
368	11/25/92 12:00 AM						
369	7/15/92 12:00 AM						
370	10/3/91 12:00 AM					Y	N
371	9/15/88 12:00 AM					Y	Y
372	7/29/97 12:00 AM					Y	Y
373	9/27/2004 12:00 AM					Y	N
374	1/16/86 12:00 AM					Y	N
375	3/29/2011 12:00 AM						
376	3/22/2006 12:00 AM						
377	6/25/96 12:00 AM					N	Y
378	6/29/2005 12:00 AM					Y	N
379	8/12/94 12:00 AM						
380	9/24/2009 12:00 AM						
381	6/25/96 12:00 AM					N	Y
382	4/26/88 12:00 AM					Y	N
383	1/28/92 12:00 AM					Y	N
384	8/30/2005 12:00 AM						
385	6/16/2000 12:00 AM						
386	6/16/2000 12:00 AM					Y	Y
387	3/27/2001 12:00 AM						
388	8/18/2003 12:00 AM						
389	9/28/97 12:00 AM					Y	N
390	9/29/93 12:00 AM					Y	N
391	2/22/96 12:00 AM					Y	N
392	7/24/92 12:00 AM					N	Y
393	4/20/94 12:00 AM					N	Y
394	9/19/89 12:00 AM					Y	N
395	3/29/2011 12:00 AM						
396	5/8/98 12:00 AM					Y	Y
397	4/28/94 12:00 AM					Y	N
398	2/13/2012 12:00 AM						
399	5/16/96 12:00 AM						
400	12/17/91 12:00 AM					Y	N
401	2/18/91 12:00 AM						
402	2/18/91 12:00 AM					Y	Y
403	9/28/2006 12:00 AM					Y	N
404	9/29/2005 12:00 AM						
405	10/13/2006 12:00 AM						
406	9/29/2006 12:00 AM	9/29/2006 12:00 AM					
407	3/24/2009 12:00 AM	5/8/2009 12:00 AM				Y	N
408	9/29/89 12:00 AM					Y	N
409	1/31/92 12:00 AM					Y	N
410	9/29/89 12:00 AM						
411	5/30/95 12:00 AM					Y	N
412	5/3/94 12:00 AM					Y	N
413	12/14/2006 12:00 AM					Y	N
414	9/30/97 12:00 AM					Y	N

	complete	notice	response	pastcost	futurecost	respren	crrem
415	7/1/99 12:00 AM					Y	N
416	1/25/2005 12:00 AM					Y	N
417	10/10/2000 12:00 AM					Y	N
418	9/9/94 12:00 AM						
419	11/9/90 12:00 AM	11/9/90 12:00 AM				Y	N
420	5/16/2011 12:00 AM					N	Y
421	3/8/90 12:00 AM					Y	N
422	5/24/94 12:00 AM					Y	N
423	6/15/2001 12:00 AM					N	Y
424	1/22/2001 12:00 AM						
425	8/11/2003 12:00 AM					Y	N
426	1/11/2001 12:00 AM					Y	N
427	1/11/2001 12:00 AM					Y	N
428	9/30/2005 12:00 AM					Y	N
429	1/5/2005 12:00 AM					Y	N
430	1/1/91 12:00 AM						
431	8/8/2003 12:00 AM					Y	N
432	10/2/2006 12:00 AM						
433	12/15/2007 12:00 AM					Y	N
434	9/11/2002 12:00 AM					Y	N
435	10/17/2005 12:00 AM					Y	N
436	5/30/88 12:00 AM					Y	N
437	9/14/92 12:00 AM						
438	1/24/95 12:00 AM					Y	N
439	7/16/93 12:00 AM					Y	N
440	1/3/86 12:00 AM						
441	1/3/86 12:00 AM						
442	2/9/90 12:00 AM					Y	N
443	9/12/89 12:00 AM	9/12/89 12:00 AM				Y	N
444	9/20/89 12:00 AM					Y	N
445	10/24/2001 12:00 AM						
446	9/6/95 12:00 AM	9/26/95 12:00 AM				Y	N
447	5/24/96 12:00 AM					N	Y
448	7/29/83 12:00 AM	7/29/83 12:00 AM					
449	4/5/2011 12:00 AM					Y	N
450	12/18/2009 12:00 AM						
451	4/19/2002 12:00 AM					Y	N
452	8/21/2006 12:00 AM					N	Y
453	9/24/2004 12:00 AM					Y	N
454	5/20/2008 12:00 AM					Y	N
455	9/15/2009 12:00 AM					Y	N
456	7/1/2002 12:00 AM					Y	Y
457	6/8/2004 12:00 AM					Y	N
458	6/21/2006 12:00 AM					N	Y
459	10/1/2001 12:00 AM					Y	N
460	10/1/2009 12:00 AM					Y	N
461	12/12/2000 12:00 AM					N	Y
462	8/2/2000 12:00 AM					N	Y
463	9/2/98 12:00 AM					N	Y
464	4/13/2000 12:00 AM					N	Y
465	2/8/95 12:00 AM						
466	8/2/2000 12:00 AM					N	Y
467	8/2/2000 12:00 AM					N	Y
468	10/13/2000 12:00 AM					N	Y
469	12/1/2000 12:00 AM					Y	Y
470	8/2/2000 12:00 AM					N	Y
471	8/2/2000 12:00 AM					N	Y
472	9/12/2002 12:00 AM					N	Y
473	8/2/2000 12:00 AM					N	Y
474	8/2/2000 12:00 AM					N	Y
475	10/10/2002 12:00 AM					N	Y
476	8/2/2000 12:00 AM					N	Y
477	8/2/2000 12:00 AM					N	Y
478	12/1/2000 12:00 AM					N	Y
479	4/7/98 12:00 AM					N	Y
480	9/20/99 12:00 AM					N	Y
481	4/23/2001 12:00 AM					N	Y
482	5/16/2000 12:00 AM					N	Y
483	4/23/2001 12:00 AM					N	Y

	complete	notice	response	pastcost	futurecost	respren	crrem
484	4/23/2001 12:00 AM					N	Y
485	4/23/2001 12:00 AM					N	Y
486	4/23/2001 12:00 AM					N	Y
487	4/23/2001 12:00 AM					N	Y
488	10/12/2001 12:00 AM					N	Y
489	3/27/2002 12:00 AM					N	Y
490	5/16/2000 12:00 AM					N	Y
491	10/12/2001 12:00 AM					N	Y
492	4/22/97 12:00 AM					Y	Y
493	4/23/2001 12:00 AM					N	Y
494	4/23/2001 12:00 AM					N	Y
495	5/16/2000 12:00 AM					N	Y
496	5/16/2000 12:00 AM					N	Y
497	5/16/2000 12:00 AM					N	Y
498	4/23/2001 12:00 AM					N	Y
499	9/17/2010 12:00 AM					N	Y
500	10/8/91 12:00 AM						
501	6/10/94 12:00 AM6/17/94 12:00 AM					Y	N
502	3/31/95 12:00 AM						
503	4/18/2007 12:00 AM					Y	N
504	11/25/97 12:00 AM					Y	N
505	2/6/2000 12:00 AM					N	Y
506	3/31/94 12:00 AM4/4/94 12:00 AM					Y	N
507	1/4/88 12:00 AM					Y	N
508	2/11/88 12:00 AM						
509	8/12/91 12:00 AM					Y	N
510	3/29/2000 12:00 AM					Y	N
511	6/13/98 12:00 AM					Y	N
512	6/14/2004 12:00 AM					Y	N
513	4/27/89 12:00 AM						
514	10/8/91 12:00 AM					Y	N
515	10/16/95 12:00 AM					Y	N
516	10/2/92 12:00 AM					Y	N
517	3/8/2004 12:00 AM					Y	N
518	2/10/94 12:00 AM					Y	N
519	9/28/2005 12:00 AM					Y	Y
520	4/15/2002 12:00 AM					Y	N
521	5/8/90 12:00 AM					Y	N
522	6/29/95 12:00 AM					Y	Y
523	5/11/2010 12:00 AM						
524	10/7/2010 12:00 AM					N	Y
525	11/23/88 12:00 AM						
526	7/8/88 12:00 AM					Y	Y
527	8/16/90 12:00 AM						
528	8/16/90 12:00 AM						
529	12/13/88 12:00 AM					Y	N
530	2/3/2011 12:00 AM					N	Y
531	9/16/2002 12:00 AM					N	Y
532	5/25/2011 12:00 AM					N	Y
533	2/6/2004 12:00 AM					Y	N
534	10/17/2006 12:00 AM					N	Y
535	9/15/2008 12:00 AM					N	Y
536	9/23/2005 12:00 AM					N	Y
537	1/21/86 12:00 AM					Y	N
538	11/30/2009 12:00 AM					Y	N
539	3/5/2001 12:00 AM					N	Y
540	2/28/90 12:00 AM					Y	N
541	9/17/2010 12:00 AM					N	Y
542	3/4/97 12:00 AM						
543	7/28/92 12:00 AM					Y	N
544	8/25/2000 12:00 AM						
545	3/4/97 12:00 AM					Y	N
546	5/15/2001 12:00 AM					N	Y
547	3/26/2001 12:00 AM					N	Y
548	10/19/2005 12:00 AM					Y	Y
549	9/2/99 12:00 AM					Y	N
550	10/10/2000 12:00 AM					Y	N
551	1/25/2005 12:00 AM					Y	N
552	9/29/2000 12:00 AM					Y	N

	complete	notice	response	pastcost	futurecost	respren	crrem
553	1/25/2005 12:00 AM					Y	N
554	5/12/89 12:00 AM					Y	N
555	7/10/90 12:00 AM	7/10/90 12:00 AM				Y	N
556	5/24/89 12:00 AM	5/24/89 12:00 AM				Y	N
557	4/4/2011 12:00 AM						
558	12/17/2002 12:00 AM					Y	N
559	11/21/2005 12:00 AM					Y	N
560	10/5/92 12:00 AM					Y	N
561	9/25/2006 12:00 AM					Y	N
562	1/28/2005 12:00 AM					Y	N
563	10/6/2011 12:00 AM					Y	N
564	1/28/2005 12:00 AM					Y	N
565	9/15/2011 12:00 AM					Y	N
566	3/23/2010 12:00 AM					Y	N
567	7/8/2009 12:00 AM					N	Y
568	6/2/2008 12:00 AM					N	Y
569	8/9/84 12:00 AM	8/9/84 12:00 AM					
570	6/1/2002 12:00 AM					N	Y
571	8/5/88 12:00 AM	8/5/88 12:00 AM				Y	N
572	3/8/2010 12:00 AM					Y	N
573	12/31/2002 12:00 AM					Y	N
574	2/15/87 12:00 AM					Y	N
575	8/22/2003 12:00 AM					Y	N
576	4/12/84 12:00 AM					Y	Y
577	7/13/2010 12:00 AM					Y	N
578	12/4/2001 12:00 AM						
579	12/4/2001 12:00 AM						
580	3/9/89 12:00 AM	4/30/89 12:00 AM				Y	N
581	7/1/91 12:00 AM	8/5/91 12:00 AM				Y	N
582	3/21/88 12:00 AM					N	Y
583	2/15/87 12:00 AM					Y	Y
584	7/12/2001 12:00 AM						
585	12/28/89 12:00 AM	2/8/90 12:00 AM				Y	N
586	6/23/93 12:00 AM	6/23/93 12:00 AM				Y	N
587	1/16/2008 12:00 AM					N	Y
588	1/31/2005 12:00 AM					Y	N
589	3/20/2006 12:00 AM					N	Y
590	12/20/2006 12:00 AM						
591	5/9/2006 12:00 AM						
592	4/29/2002 12:00 AM					Y	N
593	9/17/2007 12:00 AM					Y	N
594	6/23/2008 12:00 AM					Y	N
595	6/5/2009 12:00 AM					Y	N
596	3/3/2010 12:00 AM					Y	N
597	8/10/2010 12:00 AM					Y	N
598	8/22/85 12:00 AM					Y	Y
599	7/23/2009 12:00 AM					Y	N
600	11/21/97 12:00 AM						
601	2/1/99 12:00 AM						
602	5/4/94 12:00 AM					N	Y
603	3/27/90 12:00 AM					Y	N
604	7/28/97 12:00 AM					Y	N
605	9/9/99 12:00 AM						
606	5/28/2003 12:00 AM					Y	N
607	6/5/2009 12:00 AM						
608	6/5/2009 12:00 AM						
609	10/28/2004 12:00 AM						
610	3/22/94 12:00 AM					Y	N
611	1/22/92 12:00 AM					Y	N
612	4/23/2002 12:00 AM	5/8/2002 12:00 AM				Y	N
613	12/31/2001 12:00 AM					Y	N
614	9/16/2008 12:00 AM						
615	7/22/97 12:00 AM						
616	12/12/96 12:00 AM						
617	8/6/92 12:00 AM					N	Y
618	7/7/99 12:00 AM					Y	Y
619	7/7/99 12:00 AM					N	Y
620	12/24/97 12:00 AM	12/24/98 12:00 AM				Y	N
621	12/24/97 12:00 AM	12/18/98 12:00 AM				Y	N

	complete	notice	response	pastcost	futurecost	resprem	crrem
622	12/24/97 12:00 AM	3/2/98 12:00 AM				Y	N
623	10/18/2007 12:00 AM	10/22/2007 12:00 AM				Y	N
624	3/22/89 12:00 AM					Y	N
625	12/29/97 12:00 AM	12/18/98 12:00 AM				Y	N
626	12/24/97 12:00 AM	12/27/98 12:00 AM				Y	N
627	12/24/97 12:00 AM	12/17/98 12:00 AM				Y	N
628	12/17/97 12:00 AM	12/11/98 12:00 AM				Y	N
629	7/27/87 12:00 AM					Y	N
630	3/22/94 12:00 AM						
631	9/27/2007 12:00 AM				Y		N
632	3/7/91 12:00 AM	3/15/91 12:00 AM			Y		N
633	11/25/92 12:00 AM	12/18/92 12:00 AM					
634	7/7/2009 12:00 AM						
635	4/23/2010 12:00 AM				Y		N
636	8/6/86 12:00 AM				Y		N
637	11/21/2003 12:00 AM				Y		N
638	2/14/2011 12:00 AM				Y		N
639	5/20/2010 12:00 AM				Y		N
640	8/10/2005 12:00 AM				Y		N
641	2/14/2011 12:00 AM						
642	8/10/2005 12:00 AM				Y		N
643	9/25/96 12:00 AM				Y		N
644	2/14/2011 12:00 AM				Y		N
645	8/10/2005 12:00 AM						
646	11/18/94 12:00 AM	11/30/94 12:00 AM			Y		N
647	4/2/2012 12:00 AM						
648	9/4/2003 12:00 AM				Y		N
649	2/22/2005 12:00 AM				Y		N
650	5/31/2006 12:00 AM						
651	8/19/2003 12:00 AM				Y		N
652	6/26/98 12:00 AM				Y		N
653	2/5/2003 12:00 AM	2/20/2003 12:00 AM			Y		N
654	9/26/2006 12:00 AM				Y		N
655	7/14/2009 12:00 AM				Y		N
656	6/17/2002 12:00 AM						
657	11/22/96 12:00 AM				Y		N
658	12/19/96 12:00 AM				Y		N
659	9/12/2011 12:00 AM				N		Y
660	4/3/2003 12:00 AM				Y		N
661	10/12/2007 12:00 AM						
662	1/7/2003 12:00 AM	1/13/2003 12:00 AM			Y		N
663	3/8/85 12:00 AM				Y		Y
664	6/6/2005 12:00 AM				Y		N
665	3/22/2002 12:00 AM				Y		N
666	6/6/2005 12:00 AM	6/30/2005 12:00 AM			Y		N
667	2/15/87 12:00 AM				Y		Y
668	12/18/95 12:00 AM				Y		N
669	3/11/2009 12:00 AM						
670	9/28/2001 12:00 AM				Y		Y
671	2/6/2012 12:00 AM				Y		N
672	8/27/86 12:00 AM				Y		N
673	2/11/93 12:00 AM				Y		Y
674	5/3/93 12:00 AM				N		Y
675	10/24/2002 12:00 AM				Y		N
676	5/18/90 12:00 AM				Y		N
677	10/19/88 12:00 AM				Y		N
678	9/10/98 12:00 AM				N		Y
679	5/18/90 12:00 AM						
680	3/29/89 12:00 AM				Y		N
681	3/18/96 12:00 AM				N		Y
682	3/31/87 12:00 AM				Y		Y
683	11/19/98 12:00 AM				Y		N
684	10/3/94 12:00 AM						
685	8/3/2000 12:00 AM						
686	7/22/2004 12:00 AM				Y		N
687	5/18/2006 12:00 AM				Y		Y
688	2/24/99 12:00 AM				Y		N
689	1/29/86 12:00 AM				Y		N
690	3/9/93 12:00 AM						

	complete	notice	response	pastcost	futurecost	respren	crrem
691	5/26/98 12:00 AM					Y	N
692	5/5/2004 12:00 AM						
693	12/13/94 12:00 AM					Y	N
694	1/10/97 12:00 AM						
695	7/30/91 12:00 AM					Y	N
696	2/3/2012 12:00 AM					N	Y
697	5/1/96 12:00 AM						
698	10/24/97 12:00 AM					Y	N
699	4/4/2002 12:00 AM						
700	4/4/2002 12:00 AM						
701	4/4/2002 12:00 AM						
702	4/4/2002 12:00 AM						
703	5/1/91 12:00 AM					Y	N
704	6/4/2008 12:00 AM					Y	N
705	5/9/86 12:00 AM						
706	6/5/85 12:00 AM						
707	5/19/2000 12:00 AM						
708	5/19/2000 12:00 AM						
709	11/17/2003 12:00 AM					Y	N
710	9/21/2000 12:00 AM					Y	N
711	6/10/86 12:00 AM					Y	N
712	5/17/2006 12:00 AM						
713	2/5/2009 12:00 AM					Y	N
714	4/20/94 12:00 AM					N	Y
715	2/21/2012 12:00 AM						
716	12/19/89 12:00 AM					Y	N
717	9/27/2004 12:00 AM					Y	N
718	9/7/2005 12:00 AM					N	Y
719	6/2/2008 12:00 AM						
720	11/25/87 12:00 AM					Y	N
721	3/29/2011 12:00 AM					Y	N
722	9/16/98 12:00 AM					N	Y
723	5/6/91 12:00 AM					Y	N
724	3/31/94 12:00 AM					Y	N
725	3/1/2005 12:00 AM					Y	Y
726	10/21/2009 12:00 AM					Y	N
727	9/27/2001 12:00 AM					Y	Y
728	3/7/2012 12:00 AM					Y	N
729	9/18/98 12:00 AM						
730	9/17/2010 12:00 AM					Y	N
731	9/30/88 12:00 AM					Y	N
732	2/6/91 12:00 AM					Y	N
733	9/18/97 12:00 AM					Y	N
734	7/3/95 12:00 AM					Y	Y
735	5/4/92 12:00 AM					N	Y
736	10/28/94 12:00 AM					N	Y
737	3/29/89 12:00 AM					Y	N
738	6/20/90 12:00 AM					Y	N
739	4/6/94 12:00 AM						
740	4/15/98 12:00 AM					Y	N
741	4/8/85 12:00 AM					Y	N
742	6/28/89 12:00 AM						
743	2/7/90 12:00 AM					Y	N
744	4/16/87 12:00 AM					Y	N
745	3/24/89 12:00 AM					Y	N
746	2/14/86 12:00 AM					N	Y
747	3/7/90 12:00 AM					Y	Y
748	3/10/93 12:00 AM						
749	4/23/2010 12:00 AM					Y	N
750	6/17/2008 12:00 AM					Y	N
751	10/8/2010 12:00 AM						
752	11/23/2003 12:00 AM					Y	N
753	6/17/2008 12:00 AM					Y	N
754	6/30/87 12:00 AM					Y	N
755	11/29/83 12:00 AM						
756	9/5/2006 12:00 AM						
757	6/19/2011 12:00 AM					N	Y
758	6/8/99 12:00 AM						
759	4/23/2010 12:00 AM						

	complete	notice	response	pastcost	futurecost	respren	crrem
760	5/18/99 12:00 AM					Y	N
761	3/15/2000 12:00 AM					N	Y
762	2/2/94 12:00 AM	2/2/94 12:00 AM				Y	N
763	3/31/98 12:00 AM						
764	3/13/95 12:00 AM						
765	10/21/83 12:00 AM						
766	7/18/2001 12:00 AM						
767	9/28/2005 12:00 AM						
768	10/31/91 12:00 AM						
769	8/9/93 12:00 AM					Y	N
770	8/9/93 12:00 AM						
771	7/21/2003 12:00 AM					Y	N
772	6/26/2000 12:00 AM						
773	3/18/2008 12:00 AM						
774	6/22/2000 12:00 AM					Y	Y
775	11/24/99 12:00 AM						
776	12/30/2002 12:00 AM						
777	6/30/2004 12:00 AM	7/23/2004 12:00 AM					
778	12/10/2002 12:00 AM	12/10/2003 12:00 AM				Y	N
779	1/14/2008 12:00 AM					Y	Y
780	10/24/2008 12:00 AM						
781	9/16/98 12:00 AM					Y	N
782	12/9/2003 12:00 AM					Y	N
783	6/6/96 12:00 AM						
784	6/10/91 12:00 AM					N	Y
785	2/4/2008 12:00 AM					N	Y
786	3/30/90 12:00 AM					Y	N
787	8/6/2003 12:00 AM						
788	8/4/2000 12:00 AM						
789	10/12/2000 12:00 AM						
790	12/20/2007 12:00 AM					N	Y
791	6/26/2000 12:00 AM					N	Y
792	5/30/2000 12:00 AM					N	Y
793	8/4/2000 12:00 AM					Y	N
794	6/9/2000 12:00 AM	6/9/2000 12:00 AM				Y	N
795	12/26/89 12:00 AM					Y	N
796	5/1/2003 12:00 AM						
797	6/29/89 12:00 AM					Y	N
798	6/17/2008 12:00 AM					Y	N
799	6/27/2011 12:00 AM						
800	7/14/2011 12:00 AM					N	Y
801	2/23/2012 12:00 AM						
802	7/19/90 12:00 AM					Y	N
803	2/22/84 12:00 AM						
804	8/14/95 12:00 AM						
805	8/14/86 12:00 AM					Y	N
806	12/11/2008 12:00 AM					Y	N
807	3/23/99 12:00 AM					Y	Y
808	9/30/95 12:00 AM						
809	3/29/2004 12:00 AM					Y	N
810	7/7/94 12:00 AM					Y	N
811	1/29/97 12:00 AM					Y	N
812	3/31/2000 12:00 AM					Y	Y
813	3/23/2011 12:00 AM						
814	5/12/2008 12:00 AM						
815	4/21/2003 12:00 AM						
816	2/25/97 12:00 AM						
817	3/16/2001 12:00 AM					Y	N
818	5/30/97 12:00 AM					Y	N
819	9/10/98 12:00 AM					Y	N
820	6/30/94 12:00 AM					Y	N
821	5/7/90 12:00 AM					Y	N
822	9/30/98 12:00 AM					Y	N
823	9/30/99 12:00 AM					Y	Y
824	12/10/2007 12:00 AM					Y	N
825	7/11/2007 12:00 AM					Y	N
826	4/11/97 12:00 AM					N	Y
827	2/17/93 12:00 AM					Y	N
828	3/6/96 12:00 AM					Y	Y

	complete	notice	response	pastcost	futurecost	resprem	crrem
829	2/4/2008 12:00 AM						
830	6/20/90 12:00 AM					Y	N
831	2/11/2000 12:00 AM						
832	12/28/92 12:00 AM	12/24/93 12:00 AM					
833	12/28/92 12:00 AM	12/28/93 12:00 AM					
834	12/28/92 12:00 AM	6/93 12:00 AM					
835	12/28/92 12:00 AM	6/93 12:00 AM					
836	2/11/2000 12:00 AM						
837	2/11/2000 12:00 AM						
838	12/28/92 12:00 AM	11/13/93 12:00 AM					
839	12/28/92 12:00 AM	12/9/93 12:00 AM					
840	12/28/92 12:00 AM	6/93 12:00 AM					
841	2/11/2000 12:00 AM						
842	6/8/2000 12:00 AM					Y	N
843	3/11/2005 12:00 AM	11/4/2005 12:00 AM				Y	N
844	12/14/95 12:00 AM						
845	3/23/2011 12:00 AM					Y	N
846	9/30/97 12:00 AM					Y	N
847	5/12/2008 12:00 AM						
848	12/21/2001 12:00 AM					Y	N
849	9/27/2000 12:00 AM					Y	Y
850	7/24/2006 12:00 AM					Y	N
851	7/9/2009 12:00 AM	7/16/2009 12:00 AM					
852	12/8/2006 12:00 AM					Y	N
853	4/4/88 12:00 AM					Y	N
854	11/6/90 12:00 AM					Y	N
855	6/12/2000 12:00 AM						
856	9/29/2006 12:00 AM	10/18/2006 12:00 AM				Y	N
857	2/6/2001 12:00 AM						
858	4/15/90 12:00 AM						
859	9/29/92 12:00 AM	9/29/92 12:00 AM				Y	N
860	3/30/99 12:00 AM						
861	6/9/2003 12:00 AM						
862	5/12/2008 12:00 AM						
863	8/21/2002 12:00 AM	8/26/2002 12:00 AM				Y	N
864	3/25/98 12:00 AM						
865	5/15/96 12:00 AM						
866	7/9/98 12:00 AM					Y	N
867	6/30/2006 12:00 AM					Y	N
868	3/11/2009 12:00 AM						
869	6/20/97 12:00 AM					Y	N
870	1/31/2011 12:00 AM						
871	2/22/2012 12:00 AM					Y	N
872	9/21/2010 12:00 AM					Y	N
873	7/7/2003 12:00 AM						
874	2/12/2007 12:00 AM					Y	N
875	2/4/2008 12:00 AM					N	Y
876	7/9/96 12:00 AM	7/15/96 12:00 AM				Y	N
877	4/15/2002 12:00 AM	4/23/2002 12:00 AM				Y	N
878	10/10/91 12:00 AM					Y	N
879	5/28/2003 12:00 AM					Y	N
880	8/10/2011 12:00 AM					Y	N
881	8/10/2011 12:00 AM					Y	N
882	3/22/2012 12:00 AM						
883	6/5/2009 12:00 AM						
884	8/2/99 12:00 AM					Y	N
885	2/3/2000 12:00 AM						
886	3/31/2005 12:00 AM	11/3/2000 12:00 AM				Y	N
887	2/3/2000 12:00 AM						
888	8/2/91 12:00 AM					Y	N
889	6/30/94 12:00 AM						
890	6/29/95 12:00 AM					Y	N
891	5/3/2002 12:00 AM					Y	N
892	10/10/96 12:00 AM						
893	3/26/2009 12:00 AM					Y	N
894	3/6/96 12:00 AM					Y	N
895	9/28/2009 12:00 AM						
896	1/19/2001 12:00 AM					N	Y
897	3/26/2009 12:00 AM					Y	N

	complete	notice	response	pastcost	futurecost	resprem	crrem
898	12/10/96 12:00 AM					Y	N
899	9/28/2009 12:00 AM					Y	N
900	2/4/2008 12:00 AM						
901	12/16/93 12:00 AM						
902	11/25/2008 12:00 AM	3/16/2009 12:00 AM				Y	N
903	6/24/94 12:00 AM					Y	N
904	7/2/2008 12:00 AM	9/4/2008 12:00 AM				Y	N
905	9/30/2005 12:00 AM					Y	N
906	4/30/2007 12:00 AM					Y	N
907	2/25/2005 12:00 AM					Y	N
908	5/8/2007 12:00 AM						
909	7/1/2010 12:00 AM					N	Y
910	12/10/2004 12:00 AM	12/7/2004 12:00 AM				Y	N
911	8/22/86 12:00 AM					Y	N
912	9/8/2011 12:00 AM					Y	Y
913	11/30/2011 12:00 AM	12/22/2011 12:00 AM				Y	N
914	8/14/2006 12:00 AM					Y	N
915	9/28/88 12:00 AM					Y	N
916	9/20/91 12:00 AM					Y	N
917	6/9/86 12:00 AM					Y	N
918	4/2/92 12:00 AM						
919	7/8/92 12:00 AM						
920	1/13/96 12:00 AM						
921	7/1/86 12:00 AM						
922	4/12/84 12:00 AM						
923	4/29/94 12:00 AM						
924	9/28/88 12:00 AM						
925	7/29/87 12:00 AM						
926	10/22/84 12:00 AM						
927	12/20/85 12:00 AM						
928	4/29/94 12:00 AM						
929	1/24/2005 12:00 AM					N	Y
930	9/14/88 12:00 AM						
931	12/10/92 12:00 AM					Y	Y
932	6/24/96 12:00 AM						
933	5/22/90 12:00 AM						
934	7/9/85 12:00 AM						
935	8/22/88 12:00 AM						
936	5/21/86 12:00 AM						
937	6/29/2000 12:00 AM						
938	8/20/85 12:00 AM						
939	12/28/90 12:00 AM						
940	1/25/89 12:00 AM						
941	9/30/94 12:00 AM						
942	3/15/90 12:00 AM						
943	4/13/89 12:00 AM						
944	12/28/90 12:00 AM						
945	8/13/98 12:00 AM						
946	9/28/92 12:00 AM						
947	4/16/96 12:00 AM						
948	4/13/89 12:00 AM						
949	11/27/95 12:00 AM						
950	9/19/97 12:00 AM						
951	8/22/88 12:00 AM						
952	9/28/92 12:00 AM						
953	2/16/90 12:00 AM						
954	4/13/89 12:00 AM						
955	1/27/97 12:00 AM						
956	11/15/95 12:00 AM						
957	8/28/88 12:00 AM						
958	2/18/92 12:00 AM						
959	3/15/90 12:00 AM						
960	7/29/92 12:00 AM						
961	8/14/2002 12:00 AM	8/27/2002 12:00 AM				Y	N
962	10/20/2003 12:00 AM	1/16/2003 12:00 AM				Y	N
963	9/29/2003 12:00 AM	9/30/2003 12:00 AM				Y	N
964	6/5/2007 12:00 AM	6/28/2007 12:00 AM				Y	N
965	9/9/2002 12:00 AM	9/27/2002 12:00 AM				Y	N
966	8/5/2005 12:00 AM	8/26/2005 12:00 AM				Y	N

	complete	notice	response	pastcost	futurecost	resprem	crrem
967	9/29/2003 12:00 AM	9/30/2003 12:00 AM				Y	N
968	6/7/2002 12:00 AM	7/12/2002 12:00 AM				Y	N
969	12/11/2000 12:00 AM	12/20/2000 12:00 AM				Y	N
970	9/22/2008 12:00 AM	9/30/2008 12:00 AM				Y	N
971	6/2/2011 12:00 AM	7/29/2011 12:00 AM				Y	N
972	9/9/2010 12:00 AM	9/28/2010 12:00 AM				Y	N
973	9/9/2002 12:00 AM	9/27/2002 12:00 AM				Y	N
974	9/9/2010 12:00 AM	9/28/2010 12:00 AM				Y	N
975	4/7/94 12:00 AM	4/13/94 12:00 AM				Y	N
976	6/29/94 12:00 AM					Y	N
977	5/26/94 12:00 AM					N	Y
978	10/29/94 12:00 AM					N	Y
979	10/20/93 12:00 AM						
980	2/3/2003 12:00 AM					N	Y
981	6/5/2009 12:00 AM						
982	7/21/2008 12:00 AM					Y	N
983	6/15/2011 12:00 AM					Y	N
984	9/28/98 12:00 AM					Y	N
985	6/25/2008 12:00 AM					N	Y
986	2/3/2003 12:00 AM					N	Y
987	4/15/2008 12:00 AM					Y	N
988	8/14/2001 12:00 AM					Y	N
989	5/25/2000 12:00 AM					Y	N
990	1/15/2003 12:00 AM						
991	5/16/2007 12:00 AM					N	Y
992	7/18/2007 12:00 AM					Y	N
993	6/25/2008 12:00 AM					N	Y
994	2/3/2003 12:00 AM					N	Y
995	4/30/2009 12:00 AM					N	Y
996	9/25/92 12:00 AM						
997	12/1/91 12:00 AM						
998	12/14/90 12:00 AM					Y	N
999	9/28/90 12:00 AM					Y	N
1000	9/12/91 12:00 AM						
1001	12/1/91 12:00 AM					Y	N
1002	3/6/98 12:00 AM					Y	N
1003	9/3/93 12:00 AM						
1004	8/17/94 12:00 AM					Y	Y
1005	9/3/93 12:00 AM						
1006	6/26/92 12:00 AM						
1007	9/3/93 12:00 AM					N	Y
1008	8/26/94 12:00 AM					Y	Y
1009	12/15/93 12:00 AM					Y	N
1010	8/3/93 12:00 AM						
1011	1/6/93 12:00 AM						
1012	10/6/95 12:00 AM					Y	Y
1013	8/5/94 12:00 AM						
1014	9/15/94 12:00 AM						
1015	5/1/2008 12:00 AM						
1016	6/16/93 12:00 AM						
1017	11/20/91 12:00 AM						
1018	6/16/93 12:00 AM						
1019	9/4/92 12:00 AM						
1020	10/4/91 12:00 AM						
1021	8/29/2008 12:00 AM					Y	Y
1022	4/29/93 12:00 AM						
1023	12/5/95 12:00 AM						
1024	10/14/91 12:00 AM						
1025	3/9/93 12:00 AM						
1026	4/29/93 12:00 AM						
1027	9/17/93 12:00 AM					Y	N
1028	8/29/2000 12:00 AM						
1029	3/29/89 12:00 AM	5/14/93 12:00 AM				Y	N
1030	7/24/96 12:00 AM	7/26/96 12:00 AM					
1031	8/5/88 12:00 AM					Y	N
1032	9/1/2000 12:00 AM	9/8/2001 12:00 AM					
1033	9/10/91 12:00 AM						
1034	5/18/94 12:00 AM	5/18/94 12:00 AM				Y	N
1035	8/29/91 12:00 AM	9/9/91 12:00 AM					

	complete	notice	response	pastcost	futurecost	resprem	crrem
1036	6/25/2008 12:00 AM					N	Y
1037	2/3/2003 12:00 AM					N	Y
1038	8/21/96 12:00 AM					Y	N
1039	6/2/93 12:00 AM					Y	N
1040	9/13/95 12:00 AM					Y	N
1041	2/25/93 12:00 AM					Y	N
1042	4/26/2007 12:00 AM						
1043	4/18/93 12:00 AM					Y	N
1044	6/8/95 12:00 AM					Y	N
1045	4/26/2007 12:00 AM						
1046	11/19/93 12:00 AM					Y	N
1047	2/12/93 12:00 AM					Y	N
1048	9/14/98 12:00 AM					Y	Y
1049	3/10/2000 12:00 AM						
1050	6/3/97 12:00 AM					N	Y
1051	5/21/2007 12:00 AM					N	Y
1052	8/20/93 12:00 AM						
1053	5/28/2003 12:00 AM						
1054	8/20/93 12:00 AM						
1055	7/15/94 12:00 AM	7/25/94 12:00 AM				Y	N
1056	9/5/97 12:00 AM	9/15/97 12:00 AM				Y	N
1057	9/5/97 12:00 AM	9/18/97 12:00 AM				Y	N
1058	6/2/95 12:00 AM	6/7/95 12:00 AM				Y	N
1059	9/19/97 12:00 AM	9/30/97 12:00 AM				Y	N
1060	9/5/97 12:00 AM	9/19/97 12:00 AM				Y	N
1061	6/2/95 12:00 AM	6/7/95 12:00 AM				Y	N
1062	9/19/97 12:00 AM	9/24/97 12:00 AM				Y	N
1063	2/2/2006 12:00 AM					Y	Y
1064	6/14/93 12:00 AM					Y	N
1065	8/29/2005 12:00 AM						
1066	7/22/88 12:00 AM					N	Y
1067	7/15/96 12:00 AM					N	Y
1068	8/30/91 12:00 AM					Y	N
1069	9/9/97 12:00 AM					N	Y
1070	7/26/95 12:00 AM					Y	N
1071	8/26/2002 12:00 AM					Y	Y
1072	8/19/88 12:00 AM					Y	N
1073	4/1/2010 12:00 AM						
1074	1/22/96 12:00 AM					N	Y
1075	9/15/92 12:00 AM						
1076	2/16/94 12:00 AM						
1077	9/2/93 12:00 AM						
1078	4/20/2001 12:00 AM	4/26/2001 12:00 AM					
1079	7/10/2000 12:00 AM						
1080	8/21/92 12:00 AM	9/8/92 12:00 AM				Y	N
1081	7/10/2000 12:00 AM						
1082	7/10/2000 12:00 AM						
1083	7/23/93 12:00 AM					Y	Y
1084	8/23/95 12:00 AM					Y	Y
1085	5/31/95 12:00 AM						
1086	7/7/94 12:00 AM	7/18/94 12:00 AM				Y	N
1087	6/7/84 12:00 AM					Y	N
1088	12/30/88 12:00 AM					Y	N
1089	8/31/84 12:00 AM					Y	N
1090	7/19/91 12:00 AM					Y	Y
1091	12/27/90 12:00 AM					Y	Y
1092	2/6/2009 12:00 AM					N	Y
1093	2/6/85 12:00 AM						
1094	3/1/91 12:00 AM						
1095	5/11/93 12:00 AM						
1096	7/11/85 12:00 AM						
1097	10/8/92 12:00 AM						
1098	6/20/96 12:00 AM						
1099	5/13/2002 12:00 AM						
1100	12/12/2003 12:00 AM					Y	N
1101	9/29/2006 12:00 AM						
1102	4/3/2003 12:00 AM						
1103	4/22/2003 12:00 AM					Y	N
1104	5/17/2004 12:00 AM					Y	N

	complete	notice	response	pastcost	futurecost	resprem	crrem
1105	12/1/2010 12:00 AM					N	Y
1106	1/31/2005 12:00 AM					Y	Y
1107	1/25/2005 12:00 AM					N	Y
1108	11/11/2005 12:00 AM					Y	N
1109	3/23/2004 12:00 AM						
1110	2/5/2010 12:00 AM					N	Y
1111	5/27/2003 12:00 AM	5/20/2003 12:00 AM				Y	N
1112	3/17/2011 12:00 AM						
1113	7/8/2009 12:00 AM					Y	Y
1114	7/10/2006 12:00 AM					N	Y
1115	1/26/2011 12:00 AM						
1116	1/26/2011 12:00 AM					Y	N
1117	10/21/99 12:00 AM					Y	N
1118	9/20/2005 12:00 AM					Y	Y
1119	4/27/98 12:00 AM	5/8/98 12:00 AM				Y	N
1120	9/24/98 12:00 AM	9/29/98 12:00 AM				Y	N
1121	7/9/99 12:00 AM	7/21/99 12:00 AM				Y	N
1122	6/7/2004 12:00 AM					N	Y
1123	7/16/2008 12:00 AM					Y	Y
1124	2/8/2010 12:00 AM						
1125	9/27/2010 12:00 AM					N	Y
1126	9/27/2010 12:00 AM					N	Y
1127	2/8/2010 12:00 AM					N	Y
1128	9/27/2010 12:00 AM					N	Y
1129	2/29/2012 12:00 AM					N	Y
1130	6/5/2009 12:00 AM					Y	N
1131	6/2/2008 12:00 AM					N	Y
1132	8/6/2001 12:00 AM					Y	Y
1133	3/7/2011 12:00 AM	3/21/2011 12:00 AM				Y	N
1134	6/28/2006 12:00 AM	6/22/2006 12:00 AM				Y	N
1135	7/22/2004 12:00 AM	8/20/2004 12:00 AM				Y	N
1136	5/3/2007 12:00 AM						
1137	8/2/99 12:00 AM					Y	N
1138	7/2/2001 12:00 AM					Y	N
1139	8/28/2008 12:00 AM					Y	Y
1140	12/22/99 12:00 AM						
1141	6/4/96 12:00 AM						
1142	12/29/94 12:00 AM					Y	N
1143	6/23/92 12:00 AM					Y	N
1144	12/14/99 12:00 AM					Y	N
1145	1/15/2003 12:00 AM					N	Y
1146	5/21/2008 12:00 AM					Y	Y
1147	11/10/99 12:00 AM					Y	Y
1148	4/4/2012 12:00 AM						
1149	6/20/2008 12:00 AM						
1150	2/12/2002 12:00 AM					N	Y
1151	5/16/95 12:00 AM						
1152	8/8/2003 12:00 AM					Y	N
1153	5/5/2003 12:00 AM					Y	N
1154	9/17/2007 12:00 AM					Y	N
1155	5/3/2002 12:00 AM						
1156	6/2/2008 12:00 AM					Y	N
1157	6/2/2008 12:00 AM					N	Y
1158	8/26/2003 12:00 AM					N	Y
1159	5/23/2000 12:00 AM	5/15/2000 12:00 AM				Y	N
1160	4/4/88 12:00 AM						
1161	9/5/2000 12:00 AM					N	Y
1162	12/5/2007 12:00 AM						
1163	12/5/2007 12:00 AM					N	Y
1164	6/9/97 12:00 AM						
1165	8/23/90 12:00 AM					Y	N
1166	8/23/90 12:00 AM					Y	N
1167	11/16/2004 12:00 AM					Y	N
1168	11/13/90 12:00 AM					Y	Y
1169	11/13/90 12:00 AM					Y	Y
1170	1/11/2000 12:00 AM					Y	N
1171	1/8/99 12:00 AM					Y	N
1172	2/2/90 12:00 AM					Y	N
1173	8/21/2008 12:00 AM					N	Y

	complete	notice	response	pastcost	futurecost	resprem	crrem
1174	2/8/2006 12:00 AM					Y	Y
1175	1/24/2005 12:00 AM					N	Y
1176	8/18/2003 12:00 AM						
1177	2/20/2003 12:00 AM						
1178	5/18/99 12:00 AM	6/21/99 12:00 AM				Y	N
1179	11/12/91 12:00 AM	11/22/91 12:00 AM				Y	N
1180	7/22/96 12:00 AM	8/19/96 12:00 AM				Y	N
1181	9/13/95 12:00 AM						
1182	9/25/95 12:00 AM					Y	N
1183	8/17/98 12:00 AM					Y	Y
1184	6/5/2009 12:00 AM					N	Y
1185	8/19/98 12:00 AM					Y	Y
1186	12/9/99 12:00 AM	5/31/2000 12:00 AM					
1187	12/9/99 12:00 AM	5/31/2000 12:00 AM					
1188	2/3/2003 12:00 AM					N	Y
1189	1/26/2011 12:00 AM						
1190	1/26/2011 12:00 AM					N	Y
1191	8/15/96 12:00 AM	8/15/96 12:00 AM				Y	Y
1192	10/27/2011 12:00 AM					N	Y
1193	3/15/99 12:00 AM					N	Y
1194	6/18/97 12:00 AM						
1195	3/15/99 12:00 AM					N	Y
1196	6/18/97 12:00 AM						
1197	3/15/99 12:00 AM					N	Y
1198	12/14/94 12:00 AM						
1199	2/1/89 12:00 AM						
1200	4/28/2004 12:00 AM					Y	N
1201	9/28/2000 12:00 AM					Y	N
1202	9/29/2009 12:00 AM					Y	N
1203	10/4/2007 12:00 AM					Y	N
1204	6/5/2009 12:00 AM					N	Y
1205	11/28/2006 12:00 AM					N	Y
1206	11/28/2006 12:00 AM					N	Y
1207	9/17/2004 12:00 AM					N	Y
1208	9/17/2004 12:00 AM					N	Y
1209	3/28/2011 12:00 AM					Y	N
1210	3/16/2011 12:00 AM	5/2/2011 12:00 AM				Y	N
1211	11/1/2002 12:00 AM					Y	N
1212	6/2/2008 12:00 AM					N	Y
1213	7/30/86 12:00 AM						
1214	2/12/93 12:00 AM						
1215	8/17/98 12:00 AM					Y	N
1216	8/25/94 12:00 AM					Y	N
1217	9/21/90 12:00 AM						
1218	12/28/88 12:00 AM					Y	N
1219	11/25/92 12:00 AM					Y	N
1220	12/16/88 12:00 AM						
1221	4/25/2002 12:00 AM						
1222	11/13/90 12:00 AM					Y	Y
1223	11/13/90 12:00 AM					Y	Y
1224	11/13/90 12:00 AM					Y	Y
1225	3/17/94 12:00 AM					Y	N
1226	8/2/91 12:00 AM					Y	N
1227	6/7/90 12:00 AM					Y	N
1228	4/1/88 12:00 AM					Y	Y
1229	7/3/90 12:00 AM						
1230	5/12/92 12:00 AM					Y	N
1231	6/26/90 12:00 AM						
1232	3/31/89 12:00 AM					Y	N
1233	5/31/91 12:00 AM						
1234	5/4/90 12:00 AM					Y	Y
1235	3/31/89 12:00 AM						
1236	6/20/90 12:00 AM					Y	N
1237	6/30/92 12:00 AM					Y	N
1238	1/24/2005 12:00 AM					N	Y
1239	10/26/2000 12:00 AM					Y	Y
1240	11/7/2000 12:00 AM					Y	Y
1241	8/14/2002 12:00 AM					Y	Y
1242	4/19/99 12:00 AM					Y	Y

	complete	notice	response	pastcost	futurecost	respren	crrem
1243	3/25/97 12:00 AM						
1244	11/25/91 12:00 AM						
1245	7/29/91 12:00 AM						
1246	6/14/93 12:00 AM						
1247	6/11/96 12:00 AM	8/5/96 12:00 AM				Y	N
1248	3/29/96 12:00 AM	4/22/96 12:00 AM				Y	N
1249	11/20/91 12:00 AM	11/30/91 12:00 AM				Y	N
1250	8/11/94 12:00 AM	9/13/94 12:00 AM				Y	N
1251	5/17/90 12:00 AM						
1252	9/25/91 12:00 AM	10/29/91 12:00 AM				Y	N
1253	10/16/95 12:00 AM	10/20/95 12:00 AM				Y	N
1254	1/12/2000 12:00 AM	2/22/2000 12:00 AM				Y	N
1255	8/10/92 12:00 AM	9/3/92 12:00 AM				Y	N
1256	4/11/2000 12:00 AM					Y	N
1257	6/17/93 12:00 AM	7/26/93 12:00 AM				Y	N
1258	7/21/2011 12:00 AM	8/16/2011 12:00 AM				Y	N
1259	3/31/89 12:00 AM	4/13/89 12:00 AM				Y	N
1260	3/29/96 12:00 AM	5/6/96 12:00 AM				Y	N
1261	6/5/89 12:00 AM					Y	N
1262	1/10/95 12:00 AM					Y	N
1263	1/16/96 12:00 AM					Y	N
1264	6/2/2000 12:00 AM					Y	Y
1265	6/8/2006 12:00 AM					N	Y
1266	4/27/2001 12:00 AM					Y	N
1267	8/16/95 12:00 AM						
1268	11/9/94 12:00 AM						
1269	4/26/94 12:00 AM	5/10/94 12:00 AM				Y	N
1270	8/26/85 12:00 AM					Y	N
1271	8/7/85 12:00 AM					Y	N
1272	9/28/92 12:00 AM					Y	N
1273	8/2/95 12:00 AM						
1274	4/27/95 12:00 AM						
1275	9/28/92 12:00 AM					N	Y
1276	3/28/95 12:00 AM					Y	N
1277	7/6/94 12:00 AM					Y	N
1278	3/29/94 12:00 AM					Y	N
1279	9/28/92 12:00 AM						
1280	8/26/85 12:00 AM						
1281	8/5/85 12:00 AM						
1282	6/25/85 12:00 AM					Y	N
1283	2/9/2011 12:00 AM					N	Y
1284	4/28/2004 12:00 AM	5/6/2004 12:00 AM				Y	N
1285	3/24/2008 12:00 AM						
1286	10/26/2010 12:00 AM						
1287	4/23/2007 12:00 AM						
1288	2/3/2009 12:00 AM					Y	N
1289	9/5/97 12:00 AM					N	Y
1290	2/5/98 12:00 AM					N	Y
1291	9/5/97 12:00 AM					N	Y
1292	6/6/96 12:00 AM					N	Y
1293	2/6/2002 12:00 AM					N	Y
1294	6/13/2001 12:00 AM					Y	N
1295	2/6/2002 12:00 AM					N	Y
1296	8/23/95 12:00 AM	9/20/95 12:00 AM					
1297	10/25/94 12:00 AM	10/20/94 12:00 AM					
1298	4/26/94 12:00 AM	4/27/94 12:00 AM					
1299	11/20/2003 12:00 AM	12/9/2003 12:00 AM				Y	N
1300	10/4/2004 12:00 AM	10/19/2004 12:00 AM				Y	N
1301	9/23/2003 12:00 AM	9/23/2003 12:00 AM					
1302	1/15/2003 12:00 AM						
1303	5/25/2000 12:00 AM					Y	N
1304	8/2/99 12:00 AM						
1305	9/23/2009 12:00 AM	10/4/2010 12:00 AM					
1306	12/30/2003 12:00 AM					Y	Y
1307	2/12/87 12:00 AM					Y	N
1308	8/4/2011 12:00 AM					Y	N
1309	7/28/2006 12:00 AM						
1310	7/28/2006 12:00 AM						
1311	8/23/2006 12:00 AM						

	complete	notice	response	pastcost	futurecost	resprem	crrem
1312	9/29/2008 12:00 AM					Y	Y
1313	9/25/2001 12:00 AM					N	Y
1314	1/21/2005 12:00 AM					Y	N
1315	6/5/2009 12:00 AM					N	Y
1316	11/14/2007 12:00 AM					N	Y
1317	8/11/2004 12:00 AM					Y	N
1318	6/2/2008 12:00 AM					N	Y
1319	3/8/2004 12:00 AM					Y	N
1320	6/2/2008 12:00 AM					N	Y
1321	3/30/2004 12:00 AM					Y	N
1322	12/5/88 12:00 AM					Y	N
1323	3/27/91 12:00 AM					Y	N
1324	2/14/2011 12:00 AM					Y	N
1325	11/14/2011 12:00 AM					N	Y
1326	10/6/2006 12:00 AM 10/9/2006 12:00 AM					Y	N
1327	1/15/2004 12:00 AM					N	Y
1328	6/23/89 12:00 AM					Y	N
1329	4/15/2002 12:00 AM						
1330	8/9/2002 12:00 AM 9/20/2002 12:00 AM					Y	N
1331	9/20/2011 12:00 AM 9/26/2011 12:00 AM					Y	N
1332	11/3/2009 12:00 AM 11/4/2009 12:00 AM					Y	N
1333	5/8/95 12:00 AM					Y	N
1334	9/20/2011 12:00 AM 9/26/2011 12:00 AM					Y	N
1335	6/12/2008 12:00 AM					Y	Y
1336	4/13/2011 12:00 AM					N	Y
1337	5/1/2009 12:00 AM					Y	Y
1338	3/31/2005 12:00 AM 5/12/2005 12:00 AM					Y	N
1339	1/12/2007 12:00 AM 2/18/2007 12:00 AM					Y	N
1340	5/27/2008 12:00 AM					Y	N
1341	3/19/2008 12:00 AM					Y	N
1342	7/9/2009 12:00 AM					N	Y
1343	8/13/92 12:00 AM					Y	Y
1344	8/11/89 12:00 AM					Y	Y
1345	10/6/2000 12:00 AM						
1346	8/9/2001 12:00 AM						
1347	8/24/87 12:00 AM					Y	N
1348	3/11/2009 12:00 AM					N	Y
1349	12/7/2010 12:00 AM					N	Y
1350	10/30/2008 12:00 AM					Y	N
1351	10/23/90 12:00 AM					Y	N
1352	6/4/91 12:00 AM						
1353	12/5/95 12:00 AM					N	Y
1354	2/22/2008 12:00 AM					N	Y
1355	2/22/2008 12:00 AM					N	Y
1356	12/13/95 12:00 AM 12/19/95 12:00 AM					Y	N
1357	8/1/95 12:00 AM					Y	N
1358	11/16/87 12:00 AM					Y	N
1359	10/11/89 12:00 AM					Y	N
1360	8/13/92 12:00 AM					Y	Y
1361	8/24/87 12:00 AM					Y	N
1362	9/29/2006 12:00 AM					Y	Y
1363	9/30/2009 12:00 AM					Y	N
1364	2/18/2004 12:00 AM					N	Y
1365	7/24/2008 12:00 AM						
1366	7/19/2006 12:00 AM					Y	N
1367	6/28/2011 12:00 AM						
1368	5/12/2006 12:00 AM					Y	N
1369	12/15/2010 12:00 AM					N	Y
1370	12/8/2000 12:00 AM					Y	N
1371	11/3/92 12:00 AM 11/25/92 12:00 AM					Y	N
1372	4/19/94 12:00 AM 5/27/94 12:00 AM					Y	N
1373	9/30/97 12:00 AM					Y	N
1374	1/2/91 12:00 AM					Y	N
1375	9/2/92 12:00 AM 9/30/92 12:00 AM					Y	N
1376	8/15/89 12:00 AM						
1377	3/29/90 12:00 AM					Y	N
1378	11/15/2002 12:00 AM					N	Y
1379	7/12/99 12:00 AM 7/29/99 12:00 AM					Y	N
1380	2/23/2009 12:00 AM					N	Y

	complete	notice	response	pastcost	futurecost	resprem	crrem
1381	1/21/2009 12:00 AM					Y	Y
1382	5/7/98 12:00 AM					Y	N
1383	2/18/2000 12:00 AM						
1384	1/21/2009 12:00 AM						
1385	7/19/2000 12:00 AM	7/21/2000 12:00 AM				Y	N
1386	7/5/2001 12:00 AM					Y	N
1387	7/14/2005 12:00 AM	8/24/2005 12:00 AM				Y	N
1388	7/29/2004 12:00 AM					Y	N
1389	7/11/2002 12:00 AM					Y	N
1390	6/23/2008 12:00 AM	7/23/2008 12:00 AM				Y	N
1391	11/22/2000 12:00 AM	12/14/2000 12:00 AM				Y	N
1392	7/28/2003 12:00 AM	7/28/2003 12:00 AM				Y	N
1393	12/12/2008 12:00 AM						
1394	12/2/2008 12:00 AM	10/15/2008 12:00 AM				Y	N
1395	7/12/85 12:00 AM					Y	N
1396	7/30/2002 12:00 AM					Y	N
1397	9/3/2010 12:00 AM					Y	N
1398	2/14/2011 12:00 AM					N	Y
1399	9/27/2006 12:00 AM					Y	N
1400	7/24/2009 12:00 AM					Y	N
1401	1/11/2012 12:00 AM					N	Y
1402	4/27/2007 12:00 AM	5/4/2007 12:00 AM				Y	N
1403	10/10/2003 12:00 AM					N	Y
1404	12/6/2001 12:00 AM					Y	N
1405	12/8/2004 12:00 AM					N	Y
1406	8/19/2002 12:00 AM					Y	N
1407	6/19/2006 12:00 AM	7/27/2006 12:00 AM				Y	N
1408	9/9/2002 12:00 AM					Y	N
1409	9/28/2007 12:00 AM					N	Y
1410	6/18/2009 12:00 AM					N	Y
1411	2/10/2010 12:00 AM					Y	Y
1412	8/5/2004 12:00 AM					Y	N
1413	11/18/94 12:00 AM					Y	N
1414	6/14/95 12:00 AM					Y	N
1415	8/6/93 12:00 AM					Y	N
1416	6/7/2011 12:00 AM						
1417	4/27/95 12:00 AM					Y	N
1418	9/1/95 12:00 AM						
1419	4/12/2011 12:00 AM						
1420	7/11/2003 12:00 AM	8/15/2003 12:00 AM				Y	N
1421	2/17/2005 12:00 AM					Y	N
1422	7/29/92 12:00 AM					Y	N
1423	6/5/90 12:00 AM					Y	N
1424	9/30/97 12:00 AM						
1425	5/13/87 12:00 AM						
1426	7/19/94 12:00 AM					Y	N
1427	3/27/2006 12:00 AM						
1428	7/15/91 12:00 AM					Y	N
1429	10/1/90 12:00 AM					Y	N
1430	4/28/2000 12:00 AM					Y	N
1431	8/15/95 12:00 AM						
1432	9/15/99 12:00 AM					Y	N
1433	8/22/2002 12:00 AM					Y	N
1434	3/8/2000 12:00 AM					Y	N
1435	8/9/89 12:00 AM						
1436	9/8/2011 12:00 AM					Y	N
1437	4/19/2010 12:00 AM					Y	Y
1438	1/14/2011 12:00 AM					Y	N
1439	1/18/2001 12:00 AM					Y	N
1440	9/12/95 12:00 AM					Y	N
1441	1/28/93 12:00 AM						
1442	9/23/2010 12:00 AM					Y	Y
1443	8/25/2000 12:00 AM					Y	Y
1444	6/5/2009 12:00 AM					Y	Y
1445	11/17/94 12:00 AM					Y	N
1446	3/22/2011 12:00 AM						
1447	6/29/2010 12:00 AM						
1448	4/6/2010 12:00 AM					N	Y
1449	6/5/2009 12:00 AM					N	Y

	complete	notice	response	pastcost	futurecost	respren	crrem
1450	12/5/89 12:00 AM					N	Y
1451	6/1/2003 12:00 AM					Y	N
1452	12/22/2010 12:00 AM					N	Y
1453	4/12/2010 12:00 AM					N	Y
1454	1/19/2012 12:00 AM					N	Y
1455	4/12/2010 12:00 AM					N	Y
1456	5/14/2001 12:00 AM					N	Y
1457	10/20/2000 12:00 AM						
1458	7/3/97 12:00 AM						
1459	10/27/2006 12:00 AM	10/27/2006 12:00 AM					
1460	11/30/94 12:00 AM					Y	N
1461	9/3/96 12:00 AM						
1462	8/24/93 12:00 AM	8/31/93 12:00 AM				Y	N
1463	10/24/89 12:00 AM					Y	N
1464	9/27/91 12:00 AM	10/3/91 12:00 AM				Y	N
1465	8/31/99 12:00 AM					Y	N
1466	5/15/90 12:00 AM					Y	N
1467	6/6/97 12:00 AM						
1468	9/26/97 12:00 AM					Y	N
1469	9/12/2006 12:00 AM					N	Y
1470	3/17/2004 12:00 AM					N	Y
1471	9/10/86 12:00 AM					Y	N
1472	7/7/92 12:00 AM						
1473	10/13/98 12:00 AM					Y	N
1474	6/9/99 12:00 AM					Y	Y
1475	10/4/94 12:00 AM					Y	N
1476	3/9/93 12:00 AM					Y	N
1477	4/14/97 12:00 AM					Y	N
1478	3/21/2002 12:00 AM						
1479	3/23/94 12:00 AM					Y	N
1480	3/8/89 12:00 AM						
1481	3/29/91 12:00 AM					Y	N
1482	9/14/2001 12:00 AM						
1483	11/29/93 12:00 AM					Y	N
1484	7/24/2001 12:00 AM					Y	Y
1485	11/1/84 12:00 AM					Y	Y
1486	11/6/97 12:00 AM					Y	N
1487	9/29/88 12:00 AM						
1488	8/13/2008 12:00 AM						
1489	5/31/96 12:00 AM					Y	N
1490	10/18/96 12:00 AM					Y	Y
1491	4/13/98 12:00 AM					Y	N
1492	2/13/91 12:00 AM					N	Y
1493	2/19/97 12:00 AM					Y	Y
1494	10/23/2006 12:00 AM					N	Y
1495	6/1/2003 12:00 AM					Y	N
1496	8/14/2003 12:00 AM					Y	N
1497	9/15/2004 12:00 AM					Y	N
1498	9/15/2003 12:00 AM					Y	N
1499	9/16/2005 12:00 AM					Y	N
1500	2/11/92 12:00 AM					N	Y
1501	3/15/2005 12:00 AM					Y	N
1502	3/20/2009 12:00 AM					N	Y
1503	6/5/2009 12:00 AM					N	Y
1504	11/2/95 12:00 AM					N	Y
1505	5/10/91 12:00 AM					Y	Y
1506	10/19/91 12:00 AM					Y	N
1507	12/4/98 12:00 AM						
1508	8/14/2003 12:00 AM					Y	N
1509	10/19/91 12:00 AM					Y	Y
1510	5/10/91 12:00 AM					Y	Y
1511	5/18/92 12:00 AM					Y	N
1512	10/8/93 12:00 AM					Y	Y
1513	6/23/2000 12:00 AM					Y	Y
1514	1/19/95 12:00 AM					Y	N
1515	10/2/2006 12:00 AM					N	Y
1516	2/11/92 12:00 AM					Y	N
1517	12/17/2003 12:00 AM						
1518	5/9/2003 12:00 AM					Y	N

	complete	notice	response	pastcost	futurecost	resprem	crrem
1519	5/2/95 12:00 AM					Y	Y
1520	5/9/2003 12:00 AM					Y	N
1521	9/2/2009 12:00 AM					N	Y
1522	12/13/91 12:00 AM					Y	Y
1523	1/3/97 12:00 AM					Y	Y
1524	2/5/2005 12:00 AM						
1525	11/3/93 12:00 AM						
1526	11/2/2000 12:00 AM						
1527	10/23/2006 12:00 AM						
1528	12/18/2009 12:00 AM					N	Y
1529	4/8/2011 12:00 AM					N	Y
1530	3/25/2002 12:00 AM	4/24/2002 12:00 AM				Y	N
1531	9/30/2002 12:00 AM	10/7/2002 12:00 AM				Y	N
1532	10/23/91 12:00 AM						
1533	3/25/2002 12:00 AM	4/24/2002 12:00 AM				Y	N
1534	3/5/2002 12:00 AM					Y	N
1535	3/25/2002 12:00 AM	4/24/2002 12:00 AM				Y	N
1536	8/9/93 12:00 AM	8/27/93 12:00 AM				Y	N
1537	9/30/88 12:00 AM					Y	N
1538	2/14/91 12:00 AM					Y	N
1539	5/17/91 12:00 AM					Y	N
1540	8/28/89 12:00 AM					Y	N
1541	1/22/87 12:00 AM					Y	N
1542	6/3/85 12:00 AM					Y	N
1543	10/15/90 12:00 AM					Y	N
1544	1/10/97 12:00 AM					Y	Y
1545	11/4/88 12:00 AM					N	Y
1546	5/17/91 12:00 AM					Y	Y
1547	1/31/95 12:00 AM					N	Y
1548	3/5/92 12:00 AM						
1549	6/3/85 12:00 AM						
1550	7/27/2010 12:00 AM					N	Y
1551	5/30/91 12:00 AM					Y	N
1552	10/16/2003 12:00 AM					Y	N
1553	5/9/2002 12:00 AM					Y	Y
1554	11/16/2010 12:00 AM					Y	N
1555	12/14/2006 12:00 AM	1/16/2007 12:00 AM				Y	N
1556	6/14/2010 12:00 AM	7/14/2010 12:00 AM				Y	N
1557	4/24/95 12:00 AM					Y	N
1558	1/26/2011 12:00 AM					Y	N
1559	1/20/2006 12:00 AM					Y	Y
1560	11/27/2002 12:00 AM	1/16/2003 12:00 AM				Y	N
1561	6/10/2011 12:00 AM					Y	N
1562	10/19/2000 12:00 AM						
1563	2/25/2009 12:00 AM					Y	N
1564	9/20/2000 12:00 AM					Y	N
1565	9/9/91 12:00 AM						
1566	7/27/2010 12:00 AM						
1567	10/8/2004 12:00 AM					N	Y
1568	9/20/90 12:00 AM					Y	N
1569	1/26/2011 12:00 AM					Y	N
1570	8/21/97 12:00 AM					Y	N
1571	9/30/2009 12:00 AM					N	Y
1572	8/15/85 12:00 AM					Y	N
1573	9/7/89 12:00 AM					Y	N
1574	3/6/90 12:00 AM						
1575	6/28/2004 12:00 AM					Y	N
1576	1/17/2012 12:00 AM					Y	Y
1577	10/17/2008 12:00 AM						
1578	11/18/2008 12:00 AM	1/26/2008 12:00 AM				Y	N
1579	6/21/2005 12:00 AM					Y	N
1580	3/19/91 12:00 AM					Y	N
1581	6/28/98 12:00 AM					Y	Y
1582	5/16/96 12:00 AM						
1583	5/13/91 12:00 AM					Y	N
1584	9/26/86 12:00 AM					Y	N
1585	1/15/99 12:00 AM					N	Y
1586	9/25/89 12:00 AM					Y	N
1587	12/3/98 12:00 AM					Y	Y

	complete	notice	response	pastcost	futurecost	respren	crrem
1588	7/12/96 12:00 AM	6/23/96 12:00 AM				Y	N
1589	6/21/88 12:00 AM					Y	N
1590	5/14/90 12:00 AM						
1591	5/1/92 12:00 AM					Y	N
1592	5/7/90 12:00 AM						
1593	10/28/85 12:00 AM						
1594	5/6/88 12:00 AM					Y	Y
1595	8/17/83 12:00 AM					Y	N
1596	9/9/94 12:00 AM					Y	N
1597	5/1/92 12:00 AM						
1598	5/8/89 12:00 AM						
1599	3/28/94 12:00 AM	4/25/94 12:00 AM				Y	N
1600	9/29/95 12:00 AM					Y	N
1601	9/11/2008 12:00 AM					Y	Y
1602	8/5/2005 12:00 AM	8/22/2005 12:00 AM				Y	N
1603	7/17/2003 12:00 AM	7/31/2003 12:00 AM				Y	N
1604	9/29/2009 12:00 AM					Y	Y
1605	5/14/2004 12:00 AM					Y	N
1606	9/19/2003 12:00 AM					Y	N
1607	1/28/2003 12:00 AM					Y	N
1608	8/3/2009 12:00 AM					Y	N
1609	5/3/2001 12:00 AM					Y	N
1610	7/18/95 12:00 AM					Y	N
1611	5/5/98 12:00 AM					Y	N
1612	8/15/2000 12:00 AM					N	Y
1613	3/17/2004 12:00 AM					N	Y
1614	6/17/2002 12:00 AM					Y	N
1615	2/4/99 12:00 AM					Y	N
1616	6/14/2000 12:00 AM					Y	N
1617	6/20/2006 12:00 AM					N	Y
1618	11/24/2004 12:00 AM					N	Y
1619	6/20/2006 12:00 AM					N	Y
1620	6/18/98 12:00 AM	6/23/98 12:00 AM				Y	N
1621	5/5/87 12:00 AM					Y	N
1622	6/19/2006 12:00 AM						
1623	4/7/97 12:00 AM					Y	Y
1624	9/26/90 12:00 AM						
1625	11/20/89 12:00 AM						
1626	8/19/88 12:00 AM						
1627	2/14/91 12:00 AM	3/5/91 12:00 AM				Y	N
1628	3/24/98 12:00 AM					Y	Y
1629	6/2/2008 12:00 AM						

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1	Y				
2					
3	Y			N	
4					
5					
6					
7					
8					
9					
10					
11					
12					
13	Y				
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28	Y			N	
29	Y				
30					
31					
32	Y				
33					
34	Y				
35					
36	Y				
37	Y				
38	Y				
39	Y				
40					
41	N				
42	Y				
43	Y				
44					
45					
46					
47					
48					
49	Y				
50					
51					
52	Y				
53	N				
54	Y				
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					
66					
67					
68	Y				
69					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
70					
71					
72					
73					
74					
75					
76					
77	Y				
78					
79					
80	Y				
81					
82					
83	Y				
84					
85					
86					
87					
88					
89					
90					
91					
92					
93	Y				
94	Y				
95					
96	Y				
97	Y				
98					
99	Y				
100	Y				
101	Y				
102	Y				
103	Y				
104					
105					
106					
107					
108					
109	Y				
110					
111					
112					
113					
114					
115					
116					
117					
118					
119					
120					
121					
122					
123					
124					
125					
126					
127					
128					
129					
130					
131					
132					
133					
134					
135					
136					
137	Y				
138					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
139					
140					
141					
142					
143					
144					
145	N				
146	Y				
147					
148					
149	Y				
150	Y				
151					
152					
153					
154					
155					
156					
157					
158	Y				
159					
160					
161					
162					
163					
164	Y				
165					
166					
167					
168					
169					
170					
171	Y				
172	Y				
173					
174					
175					
176					
177					
178	Y				
179					
180					
181					
182					
183					
184					
185					
186					
187	Y				
188					
189					
190					
191					
192					
193					
194					
195					
196					
197					
198					
199					
200					
201	N				
202					
203					
204					
205					
206					
207					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
208					
209					
210	Y				
211					
212					
213					
214					
215					
216	Y				
217					
218					
219					
220					
221	N				
222	Y				
223					
224					
225					
226					
227	Y				
228					
229					
230					
231					
232					
233					
234					
235					
236					
237					
238					
239	Y				
240					
241					
242					
243					
244					
245					
246					
247					
248					
249	N				
250	N				
251					
252					
253					
254					
255					
256					
257					
258					
259					
260					
261					
262					
263					
264					
265					
266					
267					
268	N				
269					
270					
271					
272					
273					
274					
275					
276					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
277					
278					
279					
280	Y				
281					
282					
283					
284					
285					
286					
287					
288					
289					
290					
291					
292					
293					
294					
295					
296					
297					
298					
299					
300					
301					
302					
303					
304					
305					
306					
307					
308					
309					
310					
311					
312					
313					
314					
315					
316					
317					
318					
319					
320					
321					
322					
323					
324					
325					
326					
327					
328					
329					
330					
331					
332					
333					
334					
335					
336					
337					
338					
339					
340					
341					
342					
343					
344					
345					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
346					
347					
348					
349					
350					
351	N				
352					
353	Y			Y	
354	Y				
355					
356					
357					
358					
359					
360					
361					
362					
363					
364					
365					
366					
367	Y				
368					
369					
370					
371					
372					
373	N			Y	
374					
375	N				
376	N				
377					
378				Y	
379					
380	Y				
381					
382					
383					
384	Y				
385					
386	Y				
387					
388					
389					
390					
391					
392					
393					
394					
395	N				
396					
397					
398					
399					
400					
401					
402					
403					
404					
405					
406					
407					
408					
409					
410					
411					
412					
413					
414					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
415					
416					
417					
418					
419					
420	N				
421					
422					
423					
424	Y				
425					
426					
427					
428					
429					
430					
431					
432					
433					
434					
435					
436					
437					
438					
439					
440					
441					
442					
443					
444					
445					
446					
447					
448					
449	N				
450					
451	Y				
452	Y				
453					
454					
455					
456					
457					
458	Y				
459					
460					
461	Y				
462					
463					
464					
465					
466					
467					
468	Y				
469					
470					
471					
472	Y				
473					
474					
475	Y				
476					
477					
478	Y				
479					
480					
481	Y				
482					
483	Y				

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
484	Y				
485	Y				
486	Y				
487	Y				
488					
489	Y				
490					
491					
492					
493	Y				
494	Y				
495					
496					
497					
498	Y				
499					
500					
501					
502					
503					
504					
505					
506					
507					
508					
509					
510					
511					
512				Y	
513					
514					
515					
516					
517					
518					
519					
520					
521					
522					
523					
524	Y				
525					
526					
527					
528					
529					
530	N				
531	Y				
532	N				
533	Y			N	
534	Y				
535					
536	Y				
537					
538					
539					
540					
541					
542					
543					
544					
545					
546					
547					
548					
549					
550					
551					
552					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
553					
554					
555					
556					
557	N				
558					
559					
560					
561					
562					
563					
564					
565					
566					
567					
568					
569					
570	Y				
571					
572					
573					
574					
575					
576					
577					
578					
579					
580					
581					
582					
583					
584					
585					
586					
587					
588					
589	Y				
590					
591					
592					
593					
594					
595					
596	Y				
597					
598					
599	Y				
600					
601					
602					
603					
604					
605					
606	Y				
607	Y				
608					
609					
610					
611					
612					
613					
614	Y				
615					
616					
617					
618					
619					
620					
621					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
622					
623					
624					
625					
626					
627					
628					
629					
630					
631				Y	
632					
633					
634					
635	Y				
636					
637	Y				
638	Y				
639					
640					
641	Y				
642					
643					
644	Y				
645	Y				
646					
647					
648					
649					
650					
651	Y				
652					
653					
654	Y				
655					
656					
657					
658					
659	N				
660					
661	Y				
662					
663					
664	Y				
665					
666					
667					
668					
669					
670					
671					
672					
673					
674					
675					
676					
677					
678					
679					
680					
681					
682					
683					
684					
685					
686					
687					
688					
689					
690					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
691					
692					
693					
694					
695					
696	N				
697					
698					
699					
700					
701					
702					
703					
704					
705					
706					
707					
708					
709	Y				
710					
711					
712					
713	Y				
714					
715	N				
716					
717					
718					
719	Y				
720					
721	Y				
722					
723					
724					
725	Y				
726	Y				
727	Y				
728	Y				
729					
730					
731					
732					
733					
734					
735					
736					
737					
738					
739					
740					
741					
742					
743					
744					
745					
746					
747					
748					
749	Y				
750					
751					
752	Y				
753					
754					
755					
756					
757					
758					
759					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
760					
761					
762					
763					
764					
765					
766	Y				
767	Y				
768					
769					
770					
771	Y				
772	Y				
773					
774					
775					
776					
777					
778					
779	Y				
780					
781					
782	Y				
783					
784					
785					
786					
787					
788					
789	Y				
790					
791					
792					
793					
794					
795					
796					
797					
798					
799	Y				
800	Y				
801	Y				
802					
803					
804					
805					
806	Y				
807					
808					
809					
810					
811					
812					
813	Y				
814	Y				
815					
816					
817					
818					
819					
820					
821					
822					
823				Y	
824	Y				
825	Y				
826					
827					
828					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
829	Y				
830					
831					
832					
833					
834					
835					
836					
837					
838					
839					
840					
841					
842					
843					
844					
845	Y				
846					
847	Y				
848					
849					
850					
851					
852					
853					
854					
855					
856					
857					
858					
859					
860					
861					
862	Y				
863					
864					
865					
866					
867					
868	Y				
869					
870	Y				
871	Y				
872	Y				
873					
874	Y				
875	Y				
876					
877					
878					
879	Y				
880	Y				
881	Y				
882	Y				
883	Y				
884					
885					
886					
887					
888					
889					
890					
891	Y				
892					
893					
894					
895	N			N	
896	Y				
897					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
898					
899	Y				
900	Y				
901					
902					
903					
904					
905					
906					
907					
908					
909	Y				
910					
911					
912	Y				
913					
914					
915					
916					
917					
918					
919					
920					
921					
922					
923					
924					
925					
926					
927					
928					
929	Y				
930					
931					
932					
933					
934					
935					
936					
937					
938					
939					
940					
941					
942					
943					
944					
945					
946					
947					
948					
949					
950					
951					
952					
953					
954					
955					
956					
957					
958					
959					
960					
961					
962					
963					
964					
965					
966					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
967					
968					
969					
970					
971					
972					
973					
974					
975					
976					
977					
978					
979					
980					
981					
982	Y				
983				Y	
984					
985	Y				
986	Y				
987	Y				
988					
989	Y				
990					
991	Y				
992					
993	Y				
994	Y				
995					
996					
997					
998					
999					
1000					
1001					
1002					
1003					
1004					
1005					
1006					
1007					
1008					
1009					
1010					
1011					
1012					
1013					
1014					
1015	Y				
1016					
1017					
1018					
1019					
1020					
1021	Y				
1022					
1023					
1024					
1025					
1026					
1027					
1028					
1029					
1030					
1031					
1032					
1033					
1034					
1035					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1036	Y				
1037	Y				
1038					
1039					
1040					
1041					
1042					
1043					
1044					
1045					
1046					
1047					
1048					
1049					
1050					
1051	Y				
1052					
1053					
1054					
1055					
1056					
1057					
1058					
1059					
1060					
1061					
1062					
1063	Y				
1064					
1065	Y				
1066					
1067					
1068					
1069					
1070					
1071	Y				
1072					
1073					
1074					
1075					
1076					
1077					
1078					
1079					
1080					
1081					
1082					
1083					
1084					
1085					
1086					
1087					
1088					
1089					
1090					
1091					
1092	Y				
1093					
1094					
1095					
1096					
1097					
1098					
1099					
1100					
1101	Y				
1102					
1103					
1104					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1105	Y				
1106	Y				
1107	Y				
1108	Y				
1109					
1110	Y				
1111					
1112					
1113	Y				
1114					
1115					
1116	Y				
1117	Y			Y	
1118	Y				
1119					
1120					
1121					
1122					
1123	Y				
1124	N				
1125	N				
1126					
1127					
1128	N				
1129	N				
1130	Y				
1131					
1132					
1133					
1134					
1135				N	
1136					
1137					
1138					
1139	Y				
1140					
1141					
1142					
1143					
1144					
1145					
1146	Y				
1147					
1148					
1149					
1150	N				
1151					
1152	Y			N	
1153					
1154					
1155					
1156	Y				
1157					
1158					
1159					
1160					
1161					
1162					
1163					
1164					
1165					
1166					
1167	Y			Y	
1168	Y				
1169					
1170	Y				
1171					
1172				N	
1173	Y				

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1174	Y				
1175	Y				
1176					
1177					
1178					
1179					
1180					
1181					
1182					
1183					
1184	Y				
1185					
1186					
1187					
1188					
1189					
1190	N				
1191					
1192	Y				
1193					
1194					
1195					
1196					
1197					
1198					
1199					
1200	Y				
1201					
1202					
1203					
1204	Y				
1205	Y				
1206	Y				
1207	Y				
1208	Y				
1209					
1210					
1211				N	
1212					
1213					
1214					
1215					
1216					
1217					
1218					
1219					
1220					
1221					
1222	Y				
1223					
1224					
1225					
1226					
1227					
1228					
1229					
1230					
1231					
1232					
1233					
1234					
1235					
1236					
1237					
1238	Y				
1239	Y				
1240	Y				
1241	Y				
1242					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1243					
1244					
1245					
1246					
1247					
1248					
1249					
1250					
1251					
1252					
1253					
1254					
1255					
1256					
1257					
1258					
1259					
1260					
1261					
1262					
1263					
1264					
1265	Y				
1266					
1267					
1268					
1269					
1270					
1271					
1272					
1273					
1274					
1275					
1276					
1277					
1278					
1279					
1280					
1281					
1282					
1283					
1284					
1285					
1286					
1287					
1288	Y				
1289					
1290					
1291					
1292					
1293					
1294	Y				
1295					
1296					
1297					
1298					
1299					
1300					
1301					
1302					
1303	Y				
1304					
1305					
1306	Y				
1307					
1308					
1309					
1310					
1311					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1312	Y			Y	
1313	N				
1314					
1315	Y				
1316	Y				
1317					
1318					
1319	Y				
1320					
1321					
1322					
1323					
1324	Y				
1325	N				
1326					
1327					
1328					
1329					
1330					
1331					
1332					
1333					
1334	N				
1335	Y				
1336	N				
1337	Y				
1338					
1339					
1340					
1341				Y	
1342	Y				
1343					
1344					
1345					
1346					
1347					
1348					
1349	Y				
1350	Y			N	
1351					
1352					
1353					
1354					
1355					
1356					
1357					
1358					
1359					
1360					
1361					
1362	Y				
1363	Y				
1364					
1365					
1366					
1367	Y				
1368					
1369	N				
1370	Y				
1371					
1372					
1373					
1374					
1375					
1376					
1377					
1378	Y				
1379					
1380	Y				

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1381	Y				
1382					
1383					
1384					
1385					
1386					
1387					
1388					
1389					
1390					
1391					
1392					
1393					
1394					
1395					
1396					
1397					
1398	Y				
1399	Y				
1400					
1401	Y				
1402					
1403					
1404					
1405	Y				
1406					
1407					
1408					
1409					
1410	Y				
1411	Y				
1412					
1413					
1414					
1415					
1416					
1417					
1418					
1419					
1420					
1421	Y			N	
1422					
1423					
1424					
1425					
1426					
1427					
1428					
1429					
1430	Y				
1431					
1432					
1433					
1434					
1435					
1436	Y				
1437	Y				
1438	Y				
1439					
1440					
1441					
1442	Y				
1443	Y				
1444	Y				
1445					
1446	N				
1447					
1448	Y				
1449	Y				

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1450					
1451	Y				
1452	Y				
1453	Y				
1454	Y				
1455	Y				
1456	Y				
1457					
1458					
1459					
1460					
1461					
1462					
1463					
1464					
1465					
1466					
1467					
1468					
1469	Y				
1470	Y				
1471					
1472					
1473					
1474	Y				
1475					
1476					
1477					
1478					
1479					
1480					
1481					
1482					
1483					
1484					
1485					
1486					
1487					
1488					
1489					
1490					
1491					
1492					
1493					
1494					
1495					
1496					
1497					
1498				N	
1499	Y				
1500					
1501					
1502	Y				
1503	Y				
1504					
1505					
1506					
1507					
1508					
1509					
1510					
1511					
1512					
1513	Y			N	
1514					
1515	Y				
1516					
1517					
1518					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1519					
1520					
1521	Y				
1522					
1523					
1524					
1525					
1526					
1527					
1528					
1529	N				
1530					
1531					
1532					
1533					
1534					
1535					
1536					
1537					
1538					
1539					
1540					
1541					
1542					
1543					
1544					
1545					
1546					
1547					
1548					
1549					
1550					
1551					
1552					
1553					
1554					
1555					
1556					
1557					
1558	Y				
1559	Y				
1560					
1561	Y				
1562					
1563					
1564					
1565					
1566					
1567	Y				
1568					
1569					
1570					
1571					
1572					
1573					
1574					
1575					
1576	Y				
1577					
1578					
1579					
1580					
1581					
1582					
1583					
1584					
1585					
1586					
1587					

	fed sa flag	fed sa amt	state sa amt	resp sa flag	resp sa amt
1588					
1589					
1590					
1591					
1592					
1593					
1594					
1595					
1596					
1597					
1598					
1599					
1600					
1601					
1602					
1603					
1604					
1605					
1606					
1607					
1608					
1609					
1610					
1611					
1612	Y				
1613	Y				
1614					
1615					
1616					
1617	Y				
1618	Y				
1619	Y				
1620					
1621					
1622					
1623					
1624					
1625					
1626					
1627					
1628					
1629					

	ID	Description	Code	Type	Definition
1	1	ADMIN ORDER OF CONSENT	OC	Action	A voluntary and enforceable agreement pursuant to CERCLA, signed by the Potentially Responsible Party (PRP) and the Federal government.
2	2	ADMIN/VOLUNTARY COST RECOVERY	AVCR	Action	Reimbursement of trust fund expenditures in direct response to a request for reimbursement by a Potentially Responsible Party (PRP).
3	3	ADMINISTRATIVE RECORDS	AR	Action	SARA specifies that administrative records be compiled at Superfund sites.
4	4	Approval Of Action Memo	AM	SubAction	Memorandum indicating the decision to conduct a proposed remedy.
5	5	Award Of Contract	AG	SubAction	Contract awarded to approved contractor to implement remedial action.
6	6	COMBINED RI/FS	CO	Action	The process of data collection and analyses of the site problem, including the evaluation of alternatives to remedial action.
7	7	COMMUNITY INVOLVEMENT	CI	Action	The community relations activities, i.e., plan, implementation and evaluation.
8	8	CONSENT AGREEMENT (ADMINISTRATIVE)	CA	Action	Informal agreement used to initiate Potentially Responsible Party (PRP) investigation.
9	9	CONSENT DECREE	CD	Action	Judicial agreement between the Federal government and the Potentially Responsible Party (PRP).
10	10	CONSTRUCTION COMPLETION	CC	Action	The CCL is a compilation of sites presently or formerly on the National Priorities List (NPL).
11	11	Close Out Report	CQ	SubAction	A report submitted by the Remedial Program Manager (RPM) verifying that the remedy has been completed.
12	12	DELETION FROM NPL	DN	Action	Final NPL sites where remedies have proven to be satisfactory or where the site is no longer a threat to public health and the environment.
13	13	DESIGN ASSISTANCE	DA	Action	Procurement of a design consultant for fund-financed design activities.
14	14	DISCOVERY	DS	Action	The process by which a potential hazardous waste site is brought to the attention of the Federal government.
15	15	ECOLOGICAL RISK ASSESSMENT	ERA	Action	Assessment of the baseline risks posed by the site to ecological resources.
16	16	ENGINEERING EVAL/COST ANALYSIS	EEA	Action	Study to identify the objectives of a removal action and to analyze the feasibility of various alternatives.
17	17	ESI/RI	SS	Action	A code for an integrated assessment that characterizes magnitude and severity of site contamination.
18	18	EVACUATION STATE/LOCAL	ESL	Action	Provides financial resources to state and local authorities involved in evacuation.
19	19	EXPANDED SITE INSPECTION	ESI	Action	Functions performed to collect additional data, beyond that required by the Remedial Investigation/Feasibility Study (RI/FS).
20	20	Explanation Of Significant Difference	ESD	SubAction	Minor change from the original remedy selected in the original Remedial Investigation/Feasibility Study (RI/FS).
21	21	FEASIBILITY STUDY	FS	Action	A study of a hazardous waste site intended to (1) evaluate alternative remedies and (2) select the most appropriate remedy.
22	22	FF FS	NI	Action	Provides for oversight of Federal facility response action for feasibility study.
23	23	FF RA	LY	Action	Provides for oversight of Federal facility response action for Remedial Action.
24	24	FF RD	LX	Action	Provides for oversight of Federal facility response action for Remedial Decision.
25	25	FF REMOVAL	LV	Action	Provides for oversight of Federal facility response action for removal action.
26	26	FF RI	NH	Action	Provides for oversight of Federal facility response action for remedial investigation.
27	27	FF RI/FS	LW	Action	Provides for oversight of Federal facility response action for Remedial Investigation/Feasibility Study.
28	28	FINAL LISTING ON NPL	FN	Action	Site moved from proposed list to final National Priorities List.
29	29	FIVE YEAR REMEDY ASSESSMENT	FRA	Action	Provides support for conducting the review of remedy treatment and monitoring.
30	30	Final Inspection By EPA	FIP	SubAction	Certification inspection is conducted. This field value represents a final determination of the site's status.
31	31	HEALTH ASSESSMENT	HA	Action	An ATSDR health assessment is a preliminary assessment of the potential for adverse health effects from exposure to hazardous substances.
32	32	HRS PACKAGE	HR	Action	A numeric estimate of the relative severity of a hazardous substance release.
33	33	HUMAN HEALTH RISK ASSESSMENT	HRA	Action	Assessment of the baseline risks posed by the site to human health.
34	34	INTEGRATED ASSESSMENT	IA	Action	Field data collected for characterizing magnitude and severity of site contamination.
35	35	JUDICIAL/CIVIL JUDGMENT	JC	Action	Decision by the Federal District Court in a Section 106, 107, or 108 civil action.
36	36	LONG TERM RESPONSE ACTION	LTRA	Action	Site requirements associated with a remedy that must be performed over a long period of time.
37	37	Lodged By DOJ	LO	SubAction	An enforcement instrument (e.g. Consent Decree) is lodged by DOJ.
38	38	MANAGEMENT ASSISTANCE	MA	Action	Federal renumeration of state administrative costs of participation in the remedial process.
39	39	OPERATIONS AND MAINTENANCE	OM	Action	Site requirements associated with a remedy that must be performed over a long period of time.
40	40	PARTIAL NPL DELETION	PD	Action	No further response is appropriate for a portion of a final NPL site.
41	41	PRELIMINARY ASSESSMENT	PA	Action	Collection of diverse existing information about the source and nature of contamination.
42	42	PROPOSAL TO NPL	PN	Action	Site proposed for inclusion on the National Priorities List based on preliminary assessment.
43	43	PRP FS	NK	Action	Provides for oversight of responsible party response action for feasibility study.
44	44	PRP LR	ME	Action	Provides for oversight of responsible party response action for Remedial Action.
45	45	PRP RA	BF	Action	Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action.
46	46	PRP RD	BE	Action	Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Decision.
47	47	PRP REMOVAL	BB	Action	Provides for oversight of Potentially Responsible Party (PRP) response action for removal action.
48	48	PRP RI	NA	Action	Provides for oversight of responsible party response action for remedial investigation.
49	49	PRP RI/FS	BD	Action	Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Investigation/Feasibility Study.
50	50	Prelim Close-Out Rep Prepared	PCR	SubAction	A report prepared by the Remedial Program Manager (RPM) verifying that the remedy has been completed.
51	51	RA On-site Construction	RO	SubAction	Potentially Responsible Party (PRP) or contractor mobilizes to start construction of the remedy.
52	52	RECORD OF DECISION	ROD	Action	The final Record of Decision (ROD) is signed by the appropriate authority.
53	53	REMEDIAL ACTION	RA	Action	The implementation of a permanent resolution to address a release of hazardous substances.
54	54	REMEDIAL DESIGN	RD	Action	The process of fully detailing and specifying the selected remedy.
55	55	REMEDIAL INVESTIGATION	RI	Action	An investigation intended to gather the data necessary to: (1) determine the nature and extent of contamination; and (2) select the most appropriate remedy.
56	56	REMOVAL	RV	Action	Response action that requires expeditious attention to reduce immediate threats to public health and the environment.
57	57	REMOVAL ASSESSMENT	RAA	Action	Collecting site characteristics to determine whether or not a removal action is warranted.
58	58	REMOVED FROM THE PROPOSED NPL	RPN	Action	Site removed from the proposed list before achieving final status.
59	59	ROD Amendment	RQA	SubAction	Significant change from the original selected remedy stated in the Record of Decision.
60	60	SITE INSPECTION	SI	Action	The process of collecting site data and samples to characterize the site.
61	61	STATE CONSENT DECREE	SCD	Action	Judicial agreement between a State and the Potentially Responsible Party (PRP).
62	62	STATE DEFERRAL	SD	Action	The Region has entered into an agreement with a state to defer funding for remedial action.
63	63	STATE ORDER	SO	Action	Administrative order signed by the state and the Potentially Responsible Party (PRP).
64	64	Site Inspection Prioritization	SIP	SubAction	A site inspection prioritization allows Regions to collect revised Hazardous Waste Site Inspection Reports (HWSIRs).
65	65	Start Of Public Comment	SOPC	SubAction	Submission of the Remedial Investigation/Feasibility Study (RI/FS) to the public for comment.
66	66	TECHNICAL ASSISTANCE	TA	Action	Participation in the conduct of fund-financed Remedial Investigation/Feasibility Study (RI/FS).
67	67	TECHNICAL ASSISTANCE GRANT	TAG	Action	A grant of up to \$50,000 provided under SARA to a community for technical assistance.
68	68	TREATABILITY STUDY	TS	Action	The field efforts to support the evaluation of alternatives to determine the most appropriate remedy.
69	69	UNILATERAL ADMINISTRATIVE ORDER	UAO	Action	Administrative order issued by EPA unilaterally (under Section 106).

	ID	Description	Code	Type	Definition
70	70				
71	71	Source: CERCLIS 3 Action Type Reference Table			